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National Training & Operational Technology Ctr, Cincinnati, Ohio

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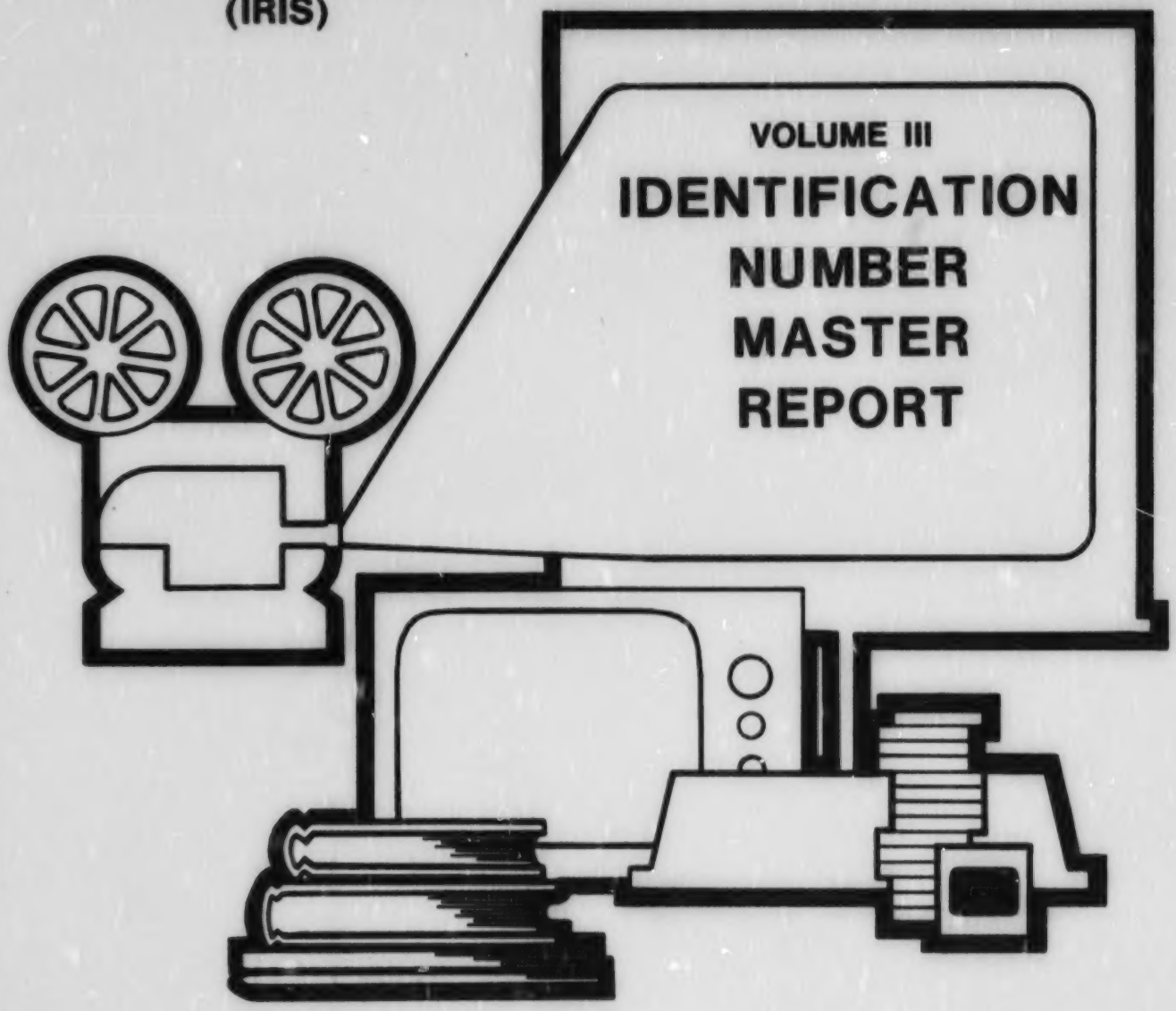
WATER QUALITY INSTRUCTIONAL RESOURCES INFORMATION SYSTEM (IRIS)



VOLUME III

IDENTIFICATION NUMBER MASTER REPORT

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF WATER PROGRAM OPERATIONS
MUNICIPAL OPERATIONS AND TRAINING DIVISION

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This system contains approximately 2,000 references to materials available for use in education and training programs related to water quality. Entries are catalogued with all typical library reference information. Special classifications have been added to define training applications. Materials can be selected based on subject area, educational level, type of training and type of material (i.e., film, printed, audio tape, slides, etc.) Each entry also contains an abstract, source and cost. A complete description of each training material is contained in the Identification Number Master Report. Included is the following information (1) EPA identification number, (2) copyright code, (3) title, (4) publication date, (5) author, (6) media type, (7) water quality category, (8) educational level, (9) originating source, (10) cost, (11) purchase/rent code, (12) thesuarus subjects. (13) special characteristics, (14) abstract.

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Volume III

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EPAW00001
INDEX TO JOURNAL AWWA
AUTHOR(S): AWWA
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COPYRIGHT: C
SUBJECT AREAS:
WATER TREATMENT PLANTS
INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
RPT. NO. 10001, 1956-65 CLOTHBOUND, 133 PAGES
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EPAW00002
INDEX TO JOURNAL AWWA
AUTHOR(S): AWWA
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COPYRIGHT: C
SUBJECT AREAS:
WATER TREATMENT PLANTS
INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
RPT. NO. 10002, 1940-55 CLOTHBOUND, 192 PAGES
SUBJECT, AUTHOR AND GEOGRAPHICAL INDEXES TO
ARTICLES FROM THE JOURNAL, AMERICAN WATER WORKS ASSOCIATION
1940-55

EPAW00003
GLOSSARY WATER AND WASTEWATER CONTROL ENGINEERING
AUTHOR(S): WPCF
AWWA
SOURCE(S): WPCF
COST: 10.00 P
DATE: 69-00
TYPE(S): PM
LEVEL: 2
CATEGORIES: E
COPYRIGHT: C
SUBJECT AREAS:
GLOSSARIES
REMARKS AND ABSTRACT:
RPT. NO. 10003, AUTHORS: ASCE, APHA
DEFINITIONS OF TERMS COMMONLY USED IN THE WATER AND WASTEWATER FIELDS.

EPAW00004
STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER
AUTHOR(S): WPCF
AWWA
SOURCE(S): WPCF APHA
COST: 28.00 P
DATE: 76-00
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O
COPYRIGHT: C
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
BIOLOGICAL ANALYSIS
CHEMICAL ANALYSIS
SAMPLING
REMARKS AND ABSTRACT:
RPT. NO. 10004, 14TH ED., AUTHORS: ASCE, APHA
CONTAINS PROCEDURE FOR CONDUCTING COMMONLY ACCEPTED ANALYSES OF POTABLE WATER AND WASTEWATER EFFLUENTS,
ALONG WITH INFORMATION ON EVALUATION OF RESULTS OF SUCH ANALYSIS.

EPAW00005
SURVIVAL AND RETIREMENT EXPERIENCE WITH WATER WORKS FACILITIES DATE: 47-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: E S T
SOURCE(S): AWWA COST: 6.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
BUDGET AND ACCOUNTING WATER TREATMENT PLANTS RECORD KEEPING
REMARKS AND ABSTRACT:
RPT. NO. 10005 566 PAGES CLOTHBOUND
REPORTS PUBLISHED IN JOURNAL AWWA AND RESULTS
OF A STUDY BY JOINT COMMITTEE AWWA AND
INSTITUTE OF WATER SUPPLY UTILITIES

EPAW00006
WATER TREATMENT PLANT DESIGN DATE: 69-00
AUTHOR(S): AWWA ASCE TYPE(S): PM CATEGORIES: D E T
SOURCE(S): AWWA ASCE COST: 15.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
TERTIARY TREATMENT CHEMISTRY DISINFECTION SEDIMENTATION
PLANT CONSTRUCTION WATER TREATMENT DESIGN COSTS EQUIPMENT (PLANT)
FILTRATION FLOCCULATION PHYSICAL TREATMENT WATER TREATMENT PLANTS
RAPID SAND FILTERS
REMARKS AND ABSTRACT:
RPT. NO. 10006, AUTHOR: CONF. OF STATE SAN. ENGR.
DESIGN INFORMATION FOR ALL PHASES OF WATER TREATMENT PLANTS.

EPAW00007
WATER UTILITY ACCOUNTING DATE: 70-00
AUTHOR(S): AWWA MFOA TYPE(S): PM CATEGORIES: E S T
SOURCE(S): AWWA COST: 12.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
BUDGET AND ACCOUNTING UTILITIES RECORD KEEPING
REMARKS AND ABSTRACT:
RPT. NO. 10007, AUTH: MUNICIPAL FINANCE OFFICERS ASSOC OF US & CANADA CLOTHBOUND, 236 PAGES, 100 ILLUSTRATIONS
UPADATE OF 'WATER WORKS ACCOUNTING' WITH THE PROFESSIONAL
ACCOUNTANT IN MIND. MEETS RECOMMENDATIONS OF THE
NATIONAL COMMITTEE ON GOVERNMENTAL ACCOUNTING. COMPLETE
INDEX INCLUDED.

EPAW00008
WATER QUALITY AND TREATMENT A HANDBOOK OF PUBLIC WATER SUPPLIES DATE: 71-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: E M O
SOURCE(S): AWWA COST: 24.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
MANUALS WATER QUALITY COAGULATION FLOCCULATION
DISINFECTION CORROSION CHEMISTRY FLUORIDATION
RADIOACTIVITY SLUDGE CHARACTERISTICS
REMARKS AND ABSTRACT:
AWWA 3RD ED. NO. 10008
THEORY AND PRACTICAL INFORMATION CONCERNING WATER TREATMENT PROCESSES COMPILED BY PANEL OF EXPERTS IN THE FIELD.

EPAW00C09

DISPOSAL OF WASTES FROM WATER TREATMENT PLANTS

AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
WASTEWATER DISPOSAL
SLUDGE DISPOSAL
REMARKS AND ABSTRACT:

COST: 8.00

WATER SUPPLY
SLUDGE TREATMENT

TYPE(S): PM
LEVEL: 3

ULTIMATE DISPOSAL
MANUALS

CATEGORIES: E O
COPYRIGHT: C

VACUUM FILTRATION

DATE: 70-00

RPT. NO. 20101, FULFILLMENT OF RESEARCH GRANT FWPCA 1969, PREPARED BY AWWA RESEARCH FOUNDATION
PROVIDES CURRENT INFORMATION ON THE NATURE OF WATER TREATMENT PLANT WASTE DISPOSAL.

EPAW0001C

SUPPLEMENTARY READING ON WATER UTILITY SAFETY

AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:

COST: 6.00 P

WATER TREATMENT PLANTS

TYPE(S): PM
LEVEL: 1

DISTRIBUTION SYSTEMS

CATEGORIES: O S
COPYRIGHT: C

DATE: 69-00

PAPER BOUND, 106 PP. HANDBOOK NO. 20103
A COLLECTION OF PAPERS ON THE SUBJECT OF ACCIDENT PREVENTION GIVEN BY VARIOUS SPEAKERS AT CONFERENCES.

EPAW00012

CROSS CONNECTIONS AND BACKFLOW PREVENTION

AUTHOR(S): ANGELE G J
SOURCE(S): AWWA
SUBJECT AREAS:
CROSS CONNECTIONS
REMARKS AND ABSTRACT:

COST: 7.00 P

BACKFLOW

TYPE(S): PM
LEVEL: 2

CATEGORIES: O L
COPYRIGHT: C

DATE: 74-00

PAPER BOUND, 2ND EDITION, 54 PP. ORDER HANDBOOK NO. 20106.
CONTROLS, METHODS & DEVICES FOR THE PROTECTION OF POTABLE WATER SUPPLIES FROM NONPOTABLE SOURCES.

EPAW00C13

IMPROVING WATER TREATMENT OPERATIONS

AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
PLANT PERFORMANCE
FLOCCULATION
DISTRIBUTION SYSTEMS
REMARKS AND ABSTRACT:

COST: 7.00 P

RESERVOIRS
SEDIMENTATION
MAINTENANCE (WATER)

TYPE(S): PM
LEVEL: 3

CHEMISTRY
TASTE AND ODOR

CATEGORIES: O
COPYRIGHT: C

FILTRATION
CHLORINATION

DATE: 71-00

RPT. NO. 20107 HANDBOOK FOR USE IN WORKSHOP ON IMPROVING WATER TREATMENT OPERATIONS
LISTING OF USPHS DRINKING WATER STANDARD 1962
AWWA WATER QUALITY GOALS
CONTROL OF SUPPLY QUALITY
TREATMENT PROCESSES AND THEIR IMPROVEMENT
WATER QUALITY IN DISTRIBUTION SYSTEMS

EPAW00014

SURVEY OF OPERATING DATA FOR WATER WORKS IN 1965 AND 1970 DATE: 74-02
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: E S
SOURCE(S): AWWA COST: 20.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
MANAGEMENT ADMINISTRATIVE AGENCIES STATISTICAL DATA PLANT PERFORMANCE
COSTS SURVEYS DISTRIBUTION SYSTEMS
REMARKS AND ABSTRACT:
RPT. NO 20112 PAPER BOUND STAFF REPORT
COMPILATION OF WATERWORKS OPERATING DATA FOR 1965 AND
1970 FROM OVER 700 WATER UTILITIES IN THE U.S.
INCLUDES TREATMENT, STORAGE, DISTRIBUTION O & M CHARGES,
RATES, CAPITAL INVESTMENT AND EXPENDITURES.

EPAW00016

WATER UTILITIES SALARIES WAGES AND FRINGE BENEFITS DATE: 75-02
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: E S
SOURCE(S): AWWA COST: 25.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
JOB ANALYSIS SURVEYS SALARIES PERSONNEL
COSTS
REMARKS AND ABSTRACT:
RPT. NO. 20110; INDEXED, 366 PAGES. SUPERSEDES RPT. NOS. 20110 AND 20111.
COMPILATION OF WAGE, SALARY AND FRINGE BENEFIT COSTS
FROM 2147, WATER UTILITIES IN THE U.S. AND CANADA.

EPAW00017

SUGGESTED COURSE OUTLINE FOR WATER DISTRIBUTION SYSTEM OPERATORS GRADE I BASIC DATE: 67-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: O
SOURCE(S): AWWA COST: 3.00 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
INSTRUCTION DISTRIBUTION SYSTEMS OPERATIONS CURRICULUM DEVELOPMENT
REMARKS AND ABSTRACT:
SPIRAL BOUND, PAPER COVER, 40 PP. HANDBOOK NO. 20113, (NO. 20116 SET OF THREE VOLUMES - $14)
COURSE OUTLINES DEFINE JOB SKILLS IN 20 INSTRUCTIONAL TOPICS TO ASSIST WATER DISTRIBUTION OPERATORS TO MEET CERTIFICATIO

EPAW00018

SUGGESTED COURSE OUTLINE FOR WATER DISTRIBUTION SYSTEM OPERATORS GRADE II INTERMEDIATE DATE: 67-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: O
SOURCE(S): AWWA COST: 6.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
OPERATIONS DISTRIBUTION SYSTEMS JOB ANALYSIS
REMARKS AND ABSTRACT:
SPIRAL BOUND, PAPER COVER, 162 PP. HANDBOOK NO. 20114, (NO. 20116 SET OF THREE VOLUMES - $14)
COURSE OUTLINES DEFINE JOB SKILLS IN 20 INSTRUCTIONAL TOPICS TO ASSIST WATER DISTRIBUTION OPERATORS TO MEET
CERTIFICATION.

EPAW00019
SUGGESTED COURSE OUTLINE FOR WATER DISTRIBUTION SYSTEMS OPERATORS GRADE III ADVANCED DATE: 67-00
AUTHOR(S): AWWA
SOURCE(S): AWWA COST: 7.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: L O S COPYRIGHT: C
SUBJECT AREAS:
JOB ANALYSIS DISTRIBUTION SYSTEMS OPERATIONS
REMARKS AND ABSTRACT:
SPIRAL BOUND, PAPER COVER, 202 PP. HANDBOOK NO. 20115, (NO. 20116 SET OF THREE VOLUMES - $14)
COURSE OUTLINES DEFINE JOB SKILLS IN 20 INSTRUCTIONAL TOPICS TO ASSIST WATER DISTRIBUTION OPERATORS TO MEET CERTIFICATION.

EPAW00020
SUGGESTED TRAINING OUTLINES FOR WATER TREATMENT OPERATORS GRADE I ADVANCED DATE: 70-01
AUTHOR(S): AWWA
SOURCE(S): AWWA COST: 12.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: M O S T COPYRIGHT:
SUBJECT AREAS:
OPERATIONS WATER TREATMENT INSTRUCTION CURRICULUM DEVELOPMENT
REMARKS AND ABSTRACT:
SPIRAL BOUND, PAPER COVER, 367 PP. HANDBOOK NO. 20117 (NO. 20120 SET OF THREE VOLUMES - $30)
COURSE TRAINING OUTLINES ENCOMPASSING 29 TOPICS OF INSTRUCTION.
COURSE MATERIAL CONSIDERED NECESSARY TO MEET TRAINING NEEDS OF OPERATORS FOR GRADE I WATER TREATMENT CERTIFICATION.

EPAW00021
SUGGESTED TRAINING OUTLINES FOR WATER TREATMENT OPERATORS GRADE II INTERMEDIATE DATE: 70-01
AUTHOR(S): AWWA
SOURCE(S): AWWA COST: 12.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: M O S T COPYRIGHT:
SUBJECT AREAS:
OPERATIONS WATER TREATMENT INSTRUCTION CURRICULUM DEVELOPMENT
REMARKS AND ABSTRACT:
SPIRAL BOUND, PAPER COVER, 323 PP. HANDBOOK NO 20118 (NO. 20120 SET OF THREE VOLUMES - $30)
COURSE TRAINING OUTLINES ENCOMPASSING 29 TOPICS OF INSTRUCTION.
COURSE MATERIAL CONSIDERED NECESSARY TO MEET TRAINING NEEDS OF OPERATORS FOR GRADE II WATER TREATMENT CERTIFICATION.

EPAW00022
SUGGESTED TRAINING OUTLINES FOR WATER TREATMENT OPERATORS GRADES III AND IV BASIC DATE: 70-01
AUTHOR(S): AWWA
SOURCE(S): AWWA COST: 12.00 P TYPE(S): PM LEVEL: 1 CATEGORIES: M O S T COPYRIGHT:
SUBJECT AREAS:
OPERATIONS WATER TREATMENT INSTRUCTION CURRICULUM DEVELOPMENT
REMARKS AND ABSTRACT:
SPIRAL BOUND, PAPER COVER, 239 PP. HANDBOOD NO. 20119 (NO. 20120 SET OF THREE VOLUMES - $30)
COURSE TRAINING OUTLINES ENCOMPASSING 29 TOPICS OF INSTRUCTION
COURSE MATERIAL CONSIDERED NECESSARY TO MEET TRAINING NEEDS OF OPERATORS FOR GRADE III WATER TREATMENT CERTIFICATION.

EPAW00023

WATER RATES
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
WATER RATES
COST: 6.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: E S T
COPYRIGHT: C
DATE: 72-00
REMARKS AND ABSTRACT:
RPT. NO. 30001, 44 PAGES, PAPER BOUND
STUDY OF RATE-MAKING POLICIES AND PRACTICES
DEVELOPMENT AND DESIGN OF RATE SCHEDULES
ALLOCATION OF COSTS - CUSTOMER CLASSIFICATION

EPAW00024

SAFETY PRACTICE FOR WATER UTILITIES
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
SAFETY
COST: 8.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O S
COPYRIGHT: C
DATE: 71-00
REMARKS AND ABSTRACT:
PAPER BOUND, 128 PP. MANUAL NO. 30003 (M3)
A MANUAL COVERING ALL ASPECTS OF EMPLOYEE ACCIDENT PREVENTION.

EPAW00025

TRAINING COURSE IN WATER UTILITY MANAGEMENT
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
SAFETY
WATER RATES
COST: 9.50 P
BUDGET AND ACCOUNTING
INSURANCE
TYPE(S): PM
LEVEL: 3
LAWS AND REGULATIONS
CATEGORIES: P S
COPYRIGHT: C
DATE: 59-00
REMARKS AND ABSTRACT:
RPT: AWWA M5, 188PP
LEGAL AND FINANCIAL FACTORS AS WELL AS INTERNAL ADMINISTRATIVE PROCEDURES PROVIDE PRIMARY FOCUS; LITTLE ATTENTION DIRECTED TO EQUIPMENT OR TECHNICAL ASPECTS OF OPERATIONS. INCLUDES SECTION ON ANNUAL REPORTS AND EMPLOYEE HANDBOOKS. INDEX.

EPAW00026

WATER METERS SELECTION INSTALLATION TESTING AND MAINTENANCE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
WATER METERS
COST: 8.00 P
EQUIPMENT (PLANT)
TYPE(S): PM
LEVEL: 2
MAINTENANCE
CATEGORIES: O
COPYRIGHT: C
DATE: 73-00
REMARKS AND ABSTRACT:
RPT. NO. 30006 112 PP.
THIS MANUAL CONTAINS A DISCUSSION OF RECOMMENDATIONS AS A GUIDE TO THE SELECTION, INSTALLATION AND MAINTENANCE OF WATER METERS.

EPAW00027

ANIMALS ASSOCIATED WITH POTABLE WATER SUPPLIES OPERATORS IDENTIFICATION GUIDE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
AQUATIC ANIMALS
REMARKS AND ABSTRACT:
RPT. NO. 3007 MANUAL M7
IDENTIFICATION AND CLASSIFICATION OF AQUATIC ANIMALS
COST: 5.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 60-00
BIOLOGICAL ANALYSIS

EPAW00028

WATER DISTRIBUTION TRAINING COURSE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
DISTRIBUTION SYSTEMS
RECORD KEEPING
WATER STORAGE
REMARKS AND ABSTRACT:
RPT: AWWA M8, 165PP.
DESTRIBUTION SYSTEM ANALYZED FROM CONSTRUCTION (INCLUDING CUSTOMER SERVICE LINES), EQUIPMENT, ADMINISTRATION, AND MAINTENANCE ASPECTS. ALSO EMPHASIZES HYDRAULICS INCLUDING DISCUSSION OF EQUATIONS USED (HAZEN WILLIAM, TORRICELLI, BERNAULI); AND LEAK DETECTION. INDEX.
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TYPE(S): PM
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CATEGORIES: D P S
COPYRIGHT: C
DATE: 61-00
FLOWMETERS
HYDRAULICS
PREVENTIVE MAINTENANCE
PIPES
PUMPS
WATER METERS
MATHEMATICS

EPAW00029

INSTALLATION OF CONCRETE PIPE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
CONCRETE PIPES
REMARKS AND ABSTRACT:
RPT. NO. 30009, 32 PP.
THIS MANUAL PROVIDES A DESCRIPTION OF AVAILABLE CONCRETE PRESSURE PIPES AND SUGGESTIONS FOR INSTALLATION BASED ON EXPERIENCE IN VARIOUS PARTS OF THE UNITED STATES.
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 61-00

EPAW00030

SIMPLIFIED SYSTEM OF ACCOUNTS FOR MUNICIPALLY OWNED WATER UTILITIES
AUTHOR(S): AWWA
NEWSOM R
SOURCE(S): AWWA
SUBJECT AREAS:
BUDGET AND ACCOUNTING
REMARKS AND ABSTRACT:
RPT. NO 30010, PAPER BOUND
SIMPLIFIED ACCOUNTING SYSTEM AS USED IN SCARSDALE, N.Y.
COST: 5.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: E S T
COPYRIGHT: C
DATE: 63-00
RECORD KEEPING
UTILITIES

EPAW00031
STEEL PIPE DESIGN AND INSTALLATION
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STEEL PIPES
COST: 10.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D T
COPYRIGHT: C
DATE: 64-00
REMARKS AND ABSTRACT:
RPT. NO. 30011, 260 PP.
THE REPORT IS INTENDED TO PROVIDE A REVIEW OF WIDE EXPERIENCE AND DESIGN THEORY IN THE USE OF STEEL PIPE FOR CONVEYING WATER. IT IS INTENDED TO SUPPLEMENT BUT IN NO WAY SUPERSEDE THE REQUIREMENTS OF AWWA STANDARDS.

EPAW00032
SIMPLIFIED PROCEDURES FOR WATER EXAMINATION
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
CHEMICAL ANALYSIS
BACTERIAL ANALYSIS
BIOLOGICAL ANALYSIS
COST: 9.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 64-00
REMARKS AND ABSTRACT:
RPT. NO 30012, (M12) MANUAL
SIMPLIFIED DESCRIPTION OF WATER TESTING EQUIPMENT & PROCEDURES

EPAW00033
SPILLWAY DESIGN PRACTICE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
SPILLWAYS
HYDRAULICS
HYDROLOGY
FLOODS
FLOW MEASUREMENT
COST: 8.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D
COPYRIGHT: C
DATE: 66-00
REMARKS AND ABSTRACT:
RPT. NO. 30013 (M13)
GENERAL REFERENCE FOR DESIGN ENGINEER
HYDROLOGIC INVESTIGATION REQUIRED TO PROPERLY DESIGN SPILLWAY
SPILLWAY DESIGN FACTORS
FLOOD FREQUENCY DETERMINATION

EPAW00034
RECOMMENDED PRACTICE FOR BACKFLOW PREVENTION AND CROSS CONNECTION CONTROL
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
CROSS CONNECTIONS
BACKFLOW
DISTRIBUTION SYSTEMS
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: L O
COPYRIGHT: C
DATE: 66-00
REMARKS AND ABSTRACT:
RPT. NO. 30014 (M14) MANUAL M14, PAPER BOUND, 22 PP. ORDER MANUAL NO. 30014.
CONTROLS, METHODS AND DEVICES FOR THE PROTECTION OF POTABLE WATER SUPPLIES FROM NONPOTABLE SOURCES.

EPAW00035

VISUAL AIDS INDEX
AUTHOR(S): AWWA
SOURCE(S): AWWA
DATE: 66-00
COST: 5.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O M
COPYRIGHT: C
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
CORROSION
INDEXES AND BIBLIOGRAPHIES
PREVENTIVE MAINTENANCE
VISUAL AIDS
REMARKS AND ABSTRACT:
44 PAGES.
A LISTING OF VISUAL AIDS FOR THE WATER INDUSTRY. INCLUDES FILMS, FILMSTRIPS, AND SLIDES. AIDS SUITABLE FOR SCHOOL CHILDREN AND TECHNICAL TRAINING. TECHNICAL DATA IS GIVEN FOR EACH ENTRY, A SHORT DESCRIPTION, SOURCE AND SUGGESTED AUDIENCE.

EPAW00036

TAILGATE SAFETY LECTURES
AUTHOR(S): AWWA
SOURCE(S): AWWA
DATE: 67-00
COST: 8.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O S
COPYRIGHT: C
SUBJECT AREAS:
SAFETY
DISTRIBUTION SYSTEMS
REMARKS AND ABSTRACT:
PAPER BOUND, 112 PP. MANUAL NO. 30016 (M16)
A SERIES OF 104 SHORT LECTURES FOR WEEKLY REVIEW TO EMPLOYEES.

EPAW00037

INSTALLATION OPERATION AND MAINTENANCE OF FIRE HYDRANTS
AUTHOR(S): AWWA
SOURCE(S): AWWA
DATE: 70-00
COST: 4.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
FIRE HYDRANTS
MAINTENANCE
REMARKS AND ABSTRACT:
RPT. NO. 30017, 5 PP.
THIS MANUAL IS A GUIDE TO THE PROPER INSTALLATION, INSPECTION, MAINTENANCE AND REPAIR OF FIRE HYDRANTS.

EPAW00038

BASIC WATER TREATMENT OPERATORS MANUAL
AUTHOR(S): AWWA
SOURCE(S): AWWA
DATE: 71-00
COST: 8.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O T
COPYRIGHT: C
SUBJECT AREAS:
WATER TREATMENT
BACTERIAL ANALYSIS
CONVERSION TABLES
CHLORINE
CHLORINATION
FLUORIDATION
CHEMICAL ANALYSIS
PHYSICAL ANALYSIS
CORROSION
PUMPS
MANAGEMENT
SAFETY
RECORD KEEPING
PUBLIC RELATIONS
OPERATIONS (WATER)
RECORD KEEPING
REMARKS AND ABSTRACT:
RPT: AWWA M18, 129PP
WRITTEN ESPECIALLY FOR GRADE IV OPERATORS, EACH CHAPTER PRESENTS OBJECTIVES, DEFINITIONS, BACKGROUND FOLLOWED BY A DISCUSSION OF WATER TREATMENT, TESTS AND TREATMENT PROCESSES, EQUIPMENT AND PROCEDURES, CONCLUDED USUALLY WITH A SUMMARY OR REFERENCES. INCLUDES GRAPHS, TABLES, EQUIPMENT ILLUSTRATIONS. PREPARED UNDER DIRECTION OF J. H. KURANZ, THEN DIRECTOR OF AWWA MISC. SECTION.

EPAW00039
AWWA STANDARD FOR DEEP WELLS
DATE: 66-00
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
DEEP WELLS
REMARKS AND ABSTRACT:
A100-66 (NO. 41100) 64 PP.
A GUIDE IN THE PREPARATION OF CONTRACT DOCUMENTS FOR WELL CONSTRUCTION.

EPAW0004C
AWWA STANDARD FOR FILTERING MATERIAL
DATE: 72-00
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 4.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M O
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
ACTIVATED CARBON
FILTRATION
REMARKS AND ABSTRACT:
RPT. NO. 42100 (B100-72) 20 PP.
COVERS GRAVEL, SAND, ANTHRACITE AND ACTIVATED CARBON FILTER MATERIALS AND PLACEMENT OF THE MATERIALS.

EPAW00041
AWWA STANDARD FOR SODIUM CHLORIDE
DATE: 74-00
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
CHEMICAL TREATMENT
CHLORIDE
SOFTENING
REMARKS AND ABSTRACT:
B200-74 (NO. 42200) 16 PP.
THIS STANDARD COVERS SODIUM CHLORIDE IN THE FORM OF ROCK, VACUUM-EVAPORATED GRANULAR, COMPRESSED EVAPORATED, OR SOLAR-EVAPORATED SALT FOR USE IN THE RECHARGING OF CATION-EXCHANGE MATERIALS FOR SOFTENING MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00042
AWWA STANDARD FOR SODA ASH
DATE: 74-00
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
CHEMICAL TREATMENT
SOFTENING
REMARKS AND ABSTRACT:
B201-74 (NO. 42201) 12 PP.
THIS STANDARD COVERS SODA ASH FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00043

AWWA STANDARD FOR QUICKLIME AND HYDRATED LIME
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
SOFTENING
CATEGORIES: D M S
COPYRIGHT: C
DATE: 65-00
B202-65 (NO. 42202) 16 PP.
THIS STANDARD COVERS PEBBLE, LUMP, OR GROUND QUICKLIME AND HYDRATED LIME FOR USE IN THE TREATMENT AND SOFTENING OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00044

AWWA STANDARD FOR HYPOCHLORITES
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
CHLORINATION
DISINFECTION
CATEGORIES: D M S
COPYRIGHT: C
DATE: 75-00
B300-75 (NO. 42300) 8 PP.
THIS STANDARD COVERS CHLORINATED LIME, AND CALCIUM AND SODIUM HYPOSHLORITES FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00045

AWWA STANDARD FOR LIQUID CHLORINE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
DISINFECTION
REMARKS AND ABSTRACT:
COST: 3.00 P
CHEMICAL TREATMENT
CHLORINE
TYPE(S): PM
LEVEL: 2
GASES
CHLORINATION
CATEGORIES: D M S
COPYRIGHT: C
DATE: 59-00
B301-59 (NO. 42301) 8 PP.
THIS STANDARD COVERS LIQUID CHLORINE FOR USE IN THE TREATMENT OF WATER, SEWAGE, AND INDUSTRIAL WASTES.

EPAW00046

AWWA STANDARD FOR AMMONIUM SULFATE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
DISINFECTION
CHLORINATION
CATEGORIES: D M S
COPYRIGHT: C
DATE: 64-00
B302-64 (NO. 42302) 8 PP.
THIS STANDARD COVERS AMMONIUM SULFATE FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00047

AWWA STANDARD FOR SODIUM CHLORITE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
B303-67 (NO. 42303) 8 PP.
THIS STANDARD COVERS SODIUM CHLORITE, IN EITHER SOLID (GRANULAR OR POWERED) OR LIQUID (WATER SOLUTION) FORM, FOR USE IN MAKING CHLORINE DIOXIDE FOR THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
DATE: 67-00
CHEMICAL TREATMENT
DISINFECTION
CHLORINATION

EPAW00048

AWWA STANDARD FOR FERROUS SULFATE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
B402-68 (NO. 42402) 12 PP.
THIS STANDARD COVERS FERROUS SULFATE, EITHER IN GRANULAR (DRY) OR IN SOLUTION (LIQUID) FORM FOR USE IN THE TREATMENT OF POTABLE AND INDUSTRIAL WATER SUPPLIES.

COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
DATE: 68-00
CHEMICAL TREATMENT
COAGULATION

EPAW00049

AWWA STANDARD FOR ALUMINUM SULFATE LUMP GROUND OR LIQUID
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
B403-70 (NO. 42403) 12 PP.
THIS STANDARD COVERS ALUMINUM SULFATE, EITHER PURIFIED OR UNPURIFIED, AND IN LUMP, GROUND, OR LIQUID FORM FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
DATE: 70-00
CHEMICAL TREATMENT
COAGULATION

EPAW00050

AWWA STANDARD FOR LIQUID SODIUM SILICATE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
B404-58 (NO. 42404) 8 PP.
THESE SPECIFICATIONS COVER SODIUM SILICATE WHICH IS USED IN THE PREPARATION OF ACTIVATED SILICA FOR THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES AND FOR THE CONTROL OF CORROSION IN WATER SYSTEMS.

COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
DATE: 58-00
CHEMICAL TREATMENT
CATHODIC PROTECTION
COAGULATION

EPAW00051
AWWA STANDARD FOR SODIUM ALUMINATE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
COAGULATION
CATEGORIES: D M S
COPYRIGHT: C
DATE: 60-00
B405-60 (NO. 42405) 8 PP.
THIS STANDARD COVERS SODIUM ALUMINATE FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00052
AWWA STANDARD FOR FERRIC SULFATE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
COAGULATION
CATEGORIES: D M S
COPYRIGHT: C
DATE: 64-00
B406-64 (NO 42406) 8 PP.
THIS STANDARD COVERS FERRIC SULFATE FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00053
AWWA STANDARD FOR TRISODIUM PHOSPHATE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
CATHODIC PROTECTION
CATEGORIES: D M S
COPYRIGHT: C
DATE: 66-00
B500-66 (NO 42500) 8 PP.
THIS STANDARD COVERS TRISODIUM PHOSPHATE FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00054
AWWA STANDARD FOR CAUSTIC SODA
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
CATHODIC PROTECTION
CATEGORIES: D M S
COPYRIGHT: C
DATE: 75-00
B501-75 (NO. 42501) 8 PP.
THIS STANDARD COVERS CAUSTIC SODA, ANHYDROUS AND LIQUID, FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00055
AWWA STANDARD FOR SODIUM HEXAMETAPHOSPHATE
DATE: 67-00
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
CHEMICAL TREATMENT
HARDNESS
CATHODIC PROTECTION
IRON
MANGANESE
REMARKS AND ABSTRACT:
B502-67 (NO. 42502) 12 PP.
THIS STANDARD COVERS SODIUM HEXAMETAPHOSPHATE FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES. THE CHEMICAL'S APPLICATIONS INCLUDE CORROSION CONTROL, SCALE PREVENTION, IRON AND MANGANESE STABILIZATION, AND REMOVAL OF HARDNESS.

EPAW00056
AWWA STANDARD FOR POWDERED ACTIVATED CARBON
DATE: 66-00
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
CHEMICAL TREATMENT
ACTIVATED CARBON
TASTE AND ODOR
ABSORPTION
REMARKS AND ABSTRACT:
B600-66 (NO. 42600) 16 PP.
THIS STANDARD COVERS POWDERED ACTIVATED CARBON FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00057
AWWA STANDARD FOR SODIUM PYROSULFITE
DATE: 64-00
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
CHEMICAL TREATMENT
TASTE AND ODOR
REMARKS AND ABSTRACT:
B601-64 (NO. 42601) 8 PP.
THIS STANDARD COVERS SODIUM PYROSULFITE (NA2S2O5) FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00058
AWWA STANDARD FOR COPPER SULFATE
DATE: 59-00
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M S
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
CHEMICAL TREATMENT
TASTE AND ODOR
REMARKS AND ABSTRACT:
B602-59 (NO. 42602) 8 PP.
THIS STANDARD COVERS COPPER SULFATE FOR USE IN THE TREATMENT OF MUNICIPAL AND INDUSTRIAL WATER SUPPLIES.

EPAW00059

AWWA STANDARD FOR POTASSIUM PERMANGANATE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
MANGANESE
REMARKS AND ABSTRACT:
B603-68 (NO. 42603) 8 PP.
THIS STANDARD COVERS POTASSIUM PERMANGANATE (KMNO4) FOR TREATMENT OF WATER SUPPLIES FOR POTABLE AND INDUSTRIAL USE.
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
TASTE AND ODOR
CATEGORIES: D M S
COPYRIGHT: C
IRON
DATE: 68-00

EPAW00060

AWWA STANDARD FOR SODIUM FLUORIDE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
B701-71 (NO. 42701) 8 PP.
THIS STANDARD COVERS SODIUM FLUORIDE (NAF), EITHER IN POWDERED OR CRYSTALLINE FORM, FOR USE IN THE TREATMENT OF POTABLE WATER SUPPLIES.
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
FLUORIDATION
CATEGORIES: D M S
COPYRIGHT: C
FLUORIDE
DATE: 71-00

EPAW00061

AWWA STANDARD FOR SODIUM SILICOFLUORIDE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
B702-74 (NO. 42702) 8 PP.
THIS STANDARD COVERS SODIUM SILICOFLUORIDE (NA2SIF6), WHICH IS ALSO KNOWN AS SODIUM FLUOSILICATE, INTENDED FOR USE IN THE TREATMENT OF POTABLE WATER SUPPLIES.
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
FLUORIDATION
CATEGORIES: D M S
COPYRIGHT: C
FLUORIDE
DATE: 74-00

EPAW00062

AWWA STANDARD FOR FLUOSILIC ACID
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
B703-71 (NO. 42703) 8 PP.
THIS STANDARD COVERS FLUOSILICIC ACID (H2SIF6) FOR USE IN THE TREATMENT OF POTABLE WATER SUPPLIES.
COST: 3.00 P
CHEMICAL TREATMENT
TYPE(S): PM
LEVEL: 2
FLUORIDATION
CATEGORIES: D M S
COPYRIGHT: C
FLUORIDE
DATE: 71-00

EPAW00063 DATE: 67-00

AMERICAN NATIONAL STANDARD FOR THICKNESS DESIGN OF CAST IRON PIPE

AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 6.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D T
COPYRIGHT: C

SUBJECT AREAS:
STANDARDS
CAST IRON PIPES

REMARKS AND ABSTRACT:
C101-67 (ANSI A21.1-1967) (R 1972) (NO. 43101) 88 PP.
THIS STANDARD GIVES THE DESIGN METHOD AND DESIGN STRESSES TO DETERMINE THE THICKNESSES OF CAST-IRON PIPE COMPLYING WITH THE REQUIREMENTS OF AWWA C106 (ANSI A21.6) - CAST-IRON PIPE CENTRIFUGALLY CAST IN METAL MOLDS, FOR WATER OR OTHER LIQUIDS AND C108-75 (ANSI A21.8) CAST-IRON PIPE CENTRIFUGALLY CAST IN SAND-LINED MOLDS, FOR WATER OR OTHER LIQUIDS

EPAW00064 DATE: 71-00

AMERICAN NATIONAL STANDARD FOR CEMENT MORTAR LINING FOR CAST IRON AND DUCTILE IRON PIPE AND FITTINGS

AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C

SUBJECT AREAS:
STANDARDS
CAST IRON PIPES
DUCTILE IRON PIPES
PIPE LININGS

REMARKS AND ABSTRACT:
C104-71 (ANSI A 21.4-1974) (NO. 43104) 10 PP.
THIS STANDARD COVERS CEMENT-MORTAR LININGS SPECIFIED IN THE A21 SERIES OF ANSI STANDARDS FOR CAST-IRON AND DUCTILE-IRON PIPE AND FITTINGS FOR WATER AND IS INTENDED FOR USE AS A SUPPLEMENT TO THOSE STANDARDS.

EPAW00065 DATE: 75-00

AMERICAN NATICNAL STANDARD FOR CAST IRON PIPE CENTRIFUGALLY CAST IN METAL MOLDS FOR WATER OR OTHER LIQU

AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 4.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C

SUBJECT AREAS:
STANDARDS
CAST IRON PIPES

REMARKS AND ABSTRACT:
C106-75 (ANSI A21.6-1970) (NO. 43106) 24 PP.
THIS STANDARD COVERS 3-IN. THROUGH 24-IN. CAST-IRON PIPE CENTRIFUGALLY CAST IN METAL MOLDS FOR WATER OR OTHER LIQUIDS. CHARACTERISTICS OF SUCH PIPE WITH PUSH-ON JOINTS, MECHANICAL JOINTS AND BELL-AND-SPIGOT JOINTS ARE GIVEN IN THE TABLES. THIS STANDARD MAY BE USED FOR PIPE WITH SUCH OTHER TYPES OF JOINTS AS MAY BE AGREED UPON AT THE TIME OF PURCHASE. THE THICKNESSES, WEIGHTS AND STRENGTH TEST REQUIREMENTS SHOWN IN THIS STANDARD ARE FOR PIPE WITH 18/40 IRON STRENGTH (18,000 PSI MINIMUM BURSTING TENSILE AND 40,000 PSI MINIMUM RING MODULUS OF RUPTURE).

EPAW00066 DATE: 75-00

AMERICAN NATIONAL STANDARD FOR CAST IRON CENTRIFUGALLY CAST IN SAND LINED MOLDS FOR WATER OR OTHER LIQUI

AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 4.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C

SUBJECT AREAS:
STANDARDS
CAST IRON PIPES

REMARKS AND ABSTRACT:
C108-75 (ANSI A21.8-1970) (NO. 43108) 28 PP.
THIS STANDARD COVERS 3-IN. THROUGH 48-IN. CAST-IRON PIPE CENTRIFUGALLY CAST IN SAND-LINED MOLDS FOR WATER OR OTHER LIQUIDS. CHARACTERISTICS OF SUCH PIPE WITH PUSH-ON JOINTS, MECHANICAL JOINTS AND BELL-AND-SPIGOT JOIINTS ARE GIVEN IN THE TABLES. THIS STANDARD MAY BE USED FOR PIPE WITH SUCH OTHER TYPES OF JOINTS AS MAY BE AGREED UPON AT THE TIME OF PURCHASE. THE THICKNESS, WEIGHTS AND STRENGTH TEST REQUIREMENTS SHOWN IN THIS STANDARD ARE FOR PIPE WITH 18/40 IRON STRENGTH (18,000 PSI MINIMUM BURSTING TENSILE AND 40,000 PSI MINIMUM RING MODULUS OF RUPTURE).

EPAW00067

AMERICAN NATIONAL STANDARD FOR GRAY IRON AND DUSTILE IRON FITTINGS 2 INCH THROUGH 48 INCH FOR WATER
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 5.50 P TYPE(S): PM LEVEL: 2 CATEGORIES: D COPYRIGHT: C DATE: 71-00
STANDARDS
REMARKS AND ABSTRACT: CAST IRON PIPES DUCTILE IRON PIPES
C110-71 (ANSI A21.10-1971) (NO. 43110) 66 PP.
THIS STANDARD COVERS 2-48-IN. GRAY-IRON AND/OR DUCTILE-IRON FITTINGS TO BE USED WITH GRAY-IRON OR DUCTILE-IRON PIPE FOR WATER AND OTHER LIQUIDS. SPECIFICATIONS FOR FITTINGS WITH MECHANICAL JOINTS, BELL-AND SPIGOT JOINTS, AND FLNAGE JOINTS ARE GIVEN IN THE TABLES. THIS STANDARD MAY ALSO BE USED FOR FITTINGS WITH PUSH-ON JOINTS OR SUCH OTHER JOINTS AS MAY BE AGREED UPON AT THE TIME OF PURCHASE.

EPAW00068

AMERICAN NATIONAL STANDARD FOR RUBBER GASKET JOINTS FOR CAST IRON AND DUCTILE IRON PRESSURE PIPE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 3.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: D COPYRIGHT: C DATE: 72-00
STANDARDS
REMARKS AND ABSTRACT: CAST IRON PIPES DUCTILE IRON PIPES
C111-72 (ANSI A21.11-1972) (NO. 43111) 16 PP.
THIS STANDARD COVERS RUBBER-GASKET JOINTS OF 2-48 IN. MECHANICAL JOINT AND 2-54 IN. PUSH-ON JOINT FOR CAST-IRON AND DUCTILE-IRON PRESSURE PIPE AND FITTINGS FOR WATER AND OTHER LIQUIDS.

EPAW00069

AMERICAN NATIONAL STANDARD FOR 2 INCH AND 2 1/4 INCH CAST IRON PIPE CENTRIFUGALLY CAST FOR WATER
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 3.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: D COPYRIGHT: C DATE: 71-00
STANDARDS
REMARKS AND ABSTRACT: CAST IRON PIPES PIPES DESIGN
C112-71 (ANSI A21.12-1971) (NO. 43112) 12 PP.
THIS STANDARD COVERS 2-IN. AND 2 1/4 IN. CAST-IRON PIPE, CENTRIFUGALLY CAST IN METAL MOLDS OR SAND-LINED MOLDS, FOR WATER OR OTHER LIQUIDS AT A WCRKING PRESSURE OF 250 PSI, WITH MECHANICAL JOINTS OR PUSH-ON JOINTS.

EPAW00070

AMERICAN NATICNAL STANDARD FOR THE THICKNESS DESIGN OF DUCTILE IRON PIPE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 4.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: D T COPYRIGHT: C DATE: 71-00
STANDARDS
REMARKS AND ABSTRACT: DUCTILE IRON PIPES
C150-71 (ANSI A21.50-1971) (NO. 43150) 24 PP.
THIS STANDARD GIVES THE DESIGN METHOD AND DESIGN STRESSES TO DETERMINE THE THICKNESSES OF DUCTILE-IRON PIPE COMPLYING WITH THE REQUIREMENTS OF AWWA C151 (ANSI A21.51) - DUCTILE-IRON PIPE, CENTRIFUGALLY CAST IN MEYAL MOLDS OR SAND-LINED MOLDS, FOR WATER AND OTHER LIQUIDS.

EPAWC0071
AMERICAN NATIONAL STANDARD FOR DUCTILE IRON PIPE CENTRIFUGALLY CAST IN METAL MOLDS OR SAND LINED MOLDS DATE: 71-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS DUCTILE IRON PIPES
REMARKS AND ABSTRACT:
C151-71 (ANSI A21.51-1971) (NO. 43151) 24 PP.
THIS STANDARD COVERS 3-IN. THROUGH 54-IN. DUCTILE-IRON PIPE CENTRIFUGALLY CAST IN METAL MOLDS OR SAND-LINED MOLDS FOR WATER OR OTHER LIQUIDS WITH PUSH-ON JOINTS AND MECHANICAL JOINTS.

EPAWC0072
AWWA STANDARD FOR STEEL WATER PIPE 6 IN AND LARGER DATE: 75-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D T
SOURCE(S): AWWA COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS STEEL PIPES
REMARKS AND ABSTRACT:
C200-75 (NO. 43200) 30 PP.
THIS STANDARD COVERS BUTT WELDED OR SEAMLESS STEEL FABRICATED OR SPIRAL OR STRAIGHT SEAM MILL TYPE PIPE SIX INCHES IN NOMINAL DIAMETER AND LARGER AND SPECIAL SECTIONS INTENDED FOR TRANSMISSION AND DISTRIBUTION OF WATER.

EPA[illegible]73
AWWA STANDARD FOR CHLORINATED RUBBER/ALKYD PAINT SYSTEM FOR THE EXTERIOR OF ABOVE GROUND STEEL WATER PIPI DATE: 75-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 3.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS STEEL PIPES
REMARKS AND ABSTRACT:
C204-75 (NO. 43204) 15 PP.
THIS STANDARD COVERS A CHLORINATED RUBBER/ALKYD PAINT SYSTEM TO PROVIDE PROTECTION FROM CORROSION TO ABOVEGROUND STEEL WATER PIPING EXPOSED TO NORMAL URBAN, MARINE OR INDUSTRIAL ENVIRONMENTS. THIS PAINT SYSTEM IS NOT INTENDED FOR USE WHERE THERE IS EXPOSURE TO EXTREME CHEMICAL ENVIRONMENTS OR ON INTERIOR SURFACES.

EPAWC0074
AWWA STANDARD FOR COAL TAR ENAMEL PROTECTIVE COATINGS FOR STEEL WATER PIPE DATE: 73-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS STEEL PIPES
PIPE LININGS
REMARKS AND ABSTRACT:
C203-73 (NO. 43203) 28 PP.
THIS STANDARD PROVIDES FOR PROTECTIVE EXTERIOR COATINGS WITH HOT-APPLIED COAL-TAR ENAMEL AND HOT-APPLIED COAL-TAR TAPE FOR STEEL WATER PIPELINES INSTALLED IN ALL SOILS UNDER AVERAGE OR NORMAL CONSTRUCTION CONDITIONS; AND FOR PROTECTIVE INTERIOR LININGS OF STEEL WATER PIPELINES WITH HOT-APPLIED COAL-TAR ENAMEL WHEN THE TEMPERATURE OF THE WATER IN THE PIPE WILL NOT EXCEED 90F AND THE RATE OF FLOW WILL BE SUFFICIENT TO PREVENT STAGNATION.

EPAWC0C75

AWWA STANDARD FOR CEMENT MORTAR PROTECTIVE LINING AND COATING FOR STEEL WATER PIPE 4 INCH OR LARGER
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
PIPE LININGS
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 71-00
STEEL PIPES
REMARKS AND ABSTRACT:
C205-71 (NO. 43205) 14 PP.
THIS STANDARD COVERS THE MATERIAL AND APPLICATION REQUIREMENTS TO PROVIDE PROTECTIVE LININGS AND COATINGS FOR STEEL WATER PIPE BY SHOP APPLICATION OF CEMENT MORTAR.

EPAW0007E

AWWA STANDARD FOR FIELD WELDING OF STEEL WATER PIPE JOINTS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 62-00
STEEL PIPES
REMARKS AND ABSTRACT:
C206-62 (NO. 43206) 12 PP.
THIS STANDARD COVERS FIELD WELDING BY THE METAL ARC-WELDING PROCESS OF STEEL WATER PIPE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C200. SUCH FIELD WELDING COVERS OF CIRCUMFERENTIAL JOINTS OF PIPE AND OTHER WELDING REQUIRED IN FIELD FABRICATION AND INSTALLATION OF SPECIALS AND APPURTENANCES. THE MAXIMUM WALL THICKNESS OF PIPE TO BE WELDED UNDER THIS STANDARD SHALL BE 1 1/4 IN.

EPAWC0C77

AWWA STANDARD FOR STEEL PIPE FLANGES
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 55-00
STEEL PIPES
REMARKS AND ABSTRACT:
C207-55 (NO. 43207) 8 PP.
FLANGES IN THIS STANDARD ARE INTENDED FOR USE WITH STEEL PIPE MEETING THE REQUIREMENTS OF SPECIFICATIONS AWWA C200.

EPAW0007B

AWWA STANDARD FOR DIMENSIONS FOR STEEL WATER PIPE FITTINGS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 59-00
STEEL PIPES
REMARKS AND ABSTRACT:
C208-59 (NO. 43208) 12 PP.
THIS STANDARD COVERS OVERALL DIMENSIONS FOR STEEL WATER PIPE FITTINGS. IT IS NOT INTENDED TO COVER THICKNESS, SHAPE, WELDING, ATTACHMENTS, AND TOLERANCE OF FITTINGS.

EPAW00079

AWWA STANDARD FOR REINFORCED CONCRETE PRESSURE PIPE STEEL CYLINDER TYPE FOR WATER AND OTHER LIQUIDS DATE: 74-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS CONCRETE PIPES
REMARKS AND ABSTRACT:
C300-74 (NO. 43300) 24 PP.
THIS STANDARD COVERS THE MANUFACTURE OF REINFORCED CONCRETE CYLINDER PIPE THAT IS NOT PRESTRESSED OR PRETENSIONED AND IS IN SIZES FROM 24 TO 144 IN., INCLUSIVE. THIS TYPE OF PIPE IS DESIGNED FOR WORKING PRESSURES OF 40 PSI AND HIGHER THAT ARE COMBINED WITH EXTERNAL LOADING CONDITIONS DESIGNATED BY THE PURCHASER. THIS STANDARD DOES NOT INCLUDE REQUIREMENTS FOR HANDLING, DELIVERY, LAYING, FIELD TESTING, OR DISINFECTION OF THE PIPE.

EPAW00080

AWWA STANDARD FOR PRESTRESSED CONCRETE PRESSURE PIPE STEEL CYLINDER TYPE FOR WATER AND OTHER LIQUIDS DATE: 72-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS CONCRETE PIPES
REMARKS AND ABSTRACT:
C301-72 (NO. 43301) 28 PP.
THIS STANDARD COVERS THE MANUFACTURE OF CIRCUMFERENTIALLY PRESTRESSED CONCRETE WATER PIPE WITH A STEEL CYLINDER AND WIRE REINFORCEMENT IN SIZES FROM 16 TO 144 IN., INCLUSIVE. THE STANDARD COVERS TWO TYPES OF PRESTRESSED PIPE: (1)LINED-CYLINDER PIPE AND (2)EMBEDDED-CYLINDER PIPE. THIS STANDARD DOES NOT INCLUDE REQUIREMENTS FOR HANDLING, DELIVERY, LAYING, FIELD TESTING, OR DISINFECTION OF THE PIPE.

EPAW00081

AWWA STANDARD FOR REINFORCED CONCRETE WATER PIPE NONCYLINDER TYPE NOT PRESTRESSED DATE: 74-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS CONCRETE PIPES
REMARKS AND ABSTRACT:
C302-74 (NO. 43302) 20 PP.
THIS STANDARD COVERS THE MANUFACTURE OF CIRCUMFERENTIALLY REINFORCED CONCRETE PRESSURE PIPE, WITHOUT A STEEL CYLINDER AND NOT PRESTRESSED, IN SIZES FROM 12 TO 144 IN., INCLUSIVELY. THIS TYPE OF PIPE IS DESIGNED FOR WORKING PRESSURES UP TO 55 PSI COMBINED WITH EXTERNAL LOADING CONDITIONS DESIGNED BY THE PURCHASER. THIS STANDARD DOES NOT INCLUDE REQUIREMENTS FOR HANDLING, DELIVERY, LAYING, FIELD TESTING, OR DISINFECTION OF THE PIPE.

EPAW00082

AWWA STANDARD FOR REINFORCED CONCRETE WATER PIPE STEEL CYLINDER TYPE PRETENSIONED DATE: 70-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS CONCRETE PIPES
REMARKS AND ABSTRACT:
C303-70 (NO. 43303) 20 PP.
THIS STANDARD COVERS THE MANUFACTURE OF CIRCUMFERENTIALLY PRETENSIONED REINFORCED CONCRETE WATER PIPE WITH A STEEL CYLINDER AND ROD REINFORCEMENT, IN SIZES FROM 60 TO 42 IN., INCLUSIVE AND FOR DESIGN PRESSURES TO A MAXIMUM OF 400 PSI. THE STANDARD DOES NOT INCLUDE SPECIFICATIONS RELATED TO HANDLING, DELIVERY, LAYING, FIELD TESTING, OR DISINFECTION OF THE PIPE.

EPAW00083

AWWA STANDARD FOR ASBESTOS CEMENT PRESSURE PIPE FOR WATER AND OTHER LIQUIDS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 3.00 P TYPE(S): PM DATE: 75-00
STANDARDS LEVEL: 2 CATEGORIES: D
REMARKS AND ABSTRACT: ASBESTOS CEMENT PIPES COPYRIGHT: C
C400-75 (NO. 43400) 16 PP.
THIS STANDARD COVERS THREE PRESSURE CLASSES OF TYPE I AND TYPE II ASBESTOS-CEMENT PIPE, 4 IN.-24 IN. IN DIAMETER, FOR WATER AND OTHER LIQUIDS, TO BE LAID UNDERGROUND IN PUBLIC AND PRIVATE RIGHTS-OF WAY. THE PRESSURE CLASS DESIGNATIONS OF CLASS 100, CLASS 150, AND CLASS 200 ARE THE SAME AS THOSE USED IN AWWA C401 (FORMERLY AWWA H2), "STANDARD PRACTICE FOR THE SELECTION OF ASBESTOS-CEMENT WATER PIPE".

EPAW00084

AWWA STANDARD PRACTICE FOR THE SELECTION OF ASBESTOS CEMENT WATER PIPE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 4.00 P TYPE(S): PM DATE: 64-00
STANDARDS LEVEL: 2 CATEGORIES: D
REMARKS AND ABSTRACT: ASBESTOS CEMENT PIPES COPYRIGHT: C
C401-64 (NO. 43401) 28 PP.
THIS HANDBOOK HAS BEEN PREPARED SO THAT DESIGN ENGINEERS MAY QUICKLY DETERMINE THE CORRECT CLASS OF ASBESTOS-CEMENT PIPE TO USE UNDER VARIOUS COMBINATIONS OF INTERNAL PRESSURE AND EXTERNAL LOADING. CURVES ARE INCLUDED IN THIS HANDBOOK TO EXPEDITE THE SELECTION OF THE CORRECT PIPE CLASS. DETAILED ANALYSIS OF THE VARIOUS STRUCTURAL FACTORS AFFECTING PIPE DESIGN AND SELECTION ARE TREATED UNDER SEPARATE HEADINGS.

EPAW00085

AWWA STANDARD FOR GATE VALVES 3 INCH THROUGH 48 INCH FOR WATER AND OTHER LIQUIDS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 3.00 P TYPE(S): PM DATE: 71-00
STANDARDS LEVEL: 2 CATEGORIES: D
REMARKS AND ABSTRACT: VALVES COPYRIGHT: C
C500-71 (NO. 43500) 16 PP.
THIS STANDARD COVERS IRON-BODY, BRONZE-MOUNTED, NONRISING STEM GATE VALVES, 3 IN. THROUGH 48 IN. IN DIAMETER, WITH EITHER DOUBLE-DISC GATES HAVING PARALLEL OR INCLINED SEATS, OR SOLID-WEDGE GATES. SUCH VALVES ARE SUITABLE FOR USE IN APPROXIMATELY LEVEL SETTINGS ON BURIED WATER DISTRIBUTION PIPE LINES.

EPAW00086

AWWA STANDARD FOR SLUICE GATES
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 4.00 P TYPE(S): PM DATE: 67-00
STANDARDS LEVEL: 2 CATEGORIES: D
REMARKS AND ABSTRACT: SPILLWAYS COPYRIGHT: C
C501-67 (NO. 43501) 20 PP.
THIS STANDARD COVERS WALL THIMBLE, VERTICALLY-MOUNTED SLUICE GATES DESIGNED FOR EITHER SEATING HEAD OR UNSEATING HEAD OR BOTH, IN ORDINARY WATER SUPPLY OR WASTEWATER SERVICE. THESE SLUICE GATES MAY BE USED FOR SQUARE, RECTANGULAR, OR ROUND OPENINGS. THEY MAY BE OF THE CONVENTIONAL-CLOSURE OR THE FLUSH-BOTTOM CLOSURE TYPE. THIS STANDARD ALSO COVERS SLUICE GATE OPERATING MECHANISMS OF THE MANUAL, ELECTRIC-MOTOR, AND HYDRAULIC-CYLINDER TYPES, TOGETHER WITH STANDARD ACCESSORIES.

EPAW00087
AWWA STANDARD FOR DRY BARREL FIRE HYDRANTS DATE: 73-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 3.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS FIRE HYDRANTS
REMARKS AND ABSTRACT:
C502-73 (NO. 43502) 16 PP.
THIS STANDARD COVERS POST-TYPE, DRY-BARREL HYDRANTS WITH COMPRESSION (OPENING AGAINST OR WITH THE PRESSURE) OR GATE SHUTOFF FOR USE IN PUBLIC WATER SUPPLY SYSTEMS IN ALL CLIMATES, INCLUDING THOSE WHERE FREEZING OCCURS.

EPAWC0088
AWWA STANDARD FOR WET BARREL FIRE HYDRANTS FOR ORDINARY WATER WORKS SERVICE DATE: 70-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 3.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS FIRE HYDRANTS
REMARKS AND ABSTRACT:
C503-70 (NO. 43503) 12 PP.
THIS STANDARD EMBRACES THE VARIOUS BYPES AND CLASSES OF WET-BARREL (CALIFORNIA TYPE) HYDRANTS FOR GENERAL WATER WORKS SERVICE. THE ITEMS DESCRIBED ARE HYDRANTS WITH INDEPENDENTLY CONTROLLED COMPRESSION TYPE (WORKING AGAINST OR WITH THE PRESSURE) VALVES FOR EACH OUTLET, IN WHICH ALL VALVE WORKING PARTS ARE MOUNTED ON THE HYDRANT ABOVE GROUND LINE. WET-BARREL HYDRANTS ARE INTENDED FOR USE ONLY IN CLIMATES WHERE FREEZING DOES NOT OCCUR.

EPAW00089
AWWA STANDARD FOR RUBBER SEATED BUTTERFLY VALVES DATE: 74-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS VALVES
REMARKS AND ABSTRACT:
C504-74 (NO. 43504) 20 PP.
THIS STANDARD COVERS CAST-IRON AND DUCTILE-IRON BODY, RUBBER-SEATED, TIGHT-CLOSURE BUTTERFLY VALVES, 3-72 IN. IN SIZE, WITH VARIOUS BODY TYPES AND BODY ENDS FOR MAXIMUM SHUTOFF PRESSURES AND OPERATING TORQUES, AS INDICATED IN TABLE 1, AND FOR FRESH WATER HAVING A PH GREATER THAN 6 AND TEMPERATURES GENERALLY LESS THAN 125 F.

EPAWC0090
AWWA STANDARD FOR BACKFLOW PREVENTION DEVICES REDUCED PRESSURE PRINCIPLE AND DOUBLE CHECK VALVE TYPES DATE: 69-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 3.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS VALVES CROSS CONNECTIONS
REMARKS AND ABSTRACT:
C506-69 (NO. 43506) 12 PP.
THIS STANDARD COVERS TWO TYPES OF BACKFLOW PREVENTION DEVICES: REDUCED PRESSURE PRINCIPLE TYPE AND DOUBLE CHECK VALVE TYPE. THE DEVICES SHALL BE DESIGNED FOR OPERATION ON COLD WATER LINES. THEY SHALL BE CAPABLE OF WITHSTANDING A WATER WORKING PRESSURE OF 150 PSI WITHOUT DAMAGE TO WORKING PARTS OR IMPAIRMENT OF FUNCTION.

EPAW00091
AWWA STANDARD FOR INSTALLATION OF CAST IRON WATER MAINS DATE: 64-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 4.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS CAST IRON PIPES
REMARKS AND ABSTRACT:
C600-64 (NO. 43600) 40 PP.
THIS STANDARD COVERS THE ALIGNMENT, EXCAVATION, LAYING, BLOCKING, ANCHORAGE, TESTING, INSPECTION AND BACKFILL FOR THE INSTALLATION OF CAST IRON PIPE.

EPAW00092
AWWA STANDARD FOR DISINFECTING WATER MAINS DATE: 68-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 3.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS PIPES DISINFECTION
REMARKS AND ABSTRACT:
C601-68 (NO. 43601) 12 PP.
IT IS THE INTENT OF THIS STANDARD TO PRESENT ESSENTIAL PROCEDURES FOR DISINFECTING NEW AND REPAIRED WATER MAINS.

EPAW00093
AWWA STANDARD FOR CEMENT MORTAR LINING OF WATER PIPES IN PLACE DATE: 67-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 3.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
CORROSION CAST IRON PIPES PIPE LININGS
REMARKS AND ABSTRACT:
NUMBER: C602 67 (AO 43602)

EPAW00094
AWWA STANDARD FOR INSTALLATION OF ASBESTOS CEMENT WATER PIPE DATE: 65-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 3.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS ASBESTOS CEMENT PIPES PIPES
REMARKS AND ABSTRACT:
C603-65 (NO. 43603) 16 PP.
THIS STANDARD IS OFFERED AS A GUIDE TO GOOD PRACTICES IN THE INSTALLATION OF ASBESTOS-CEMENT WATER PIPE AND CAST-IRON FITTINGS.

EPAW00095
AWWA STANDARD FOR COLD WATER METERS DISPLACEMENT TYPE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
C700-71 (NO. 43700) 16 PP.
THIS STANDARD COVERS THE VARIOUS TYPES AND CLASSES OF COLD WATER DISPLACEMENT METERS IN SIZES 5/8 IN. THROUGH 6 IN., AND THE MATERIALS AND WORKMANSHIP EMPLOYED IN THEIR FABRICATION. THE DISPLACEMENT METERS COVERED, KNOWN AS NUTATING-DISC OR OSCILLATING-PISTON METERS, ARE POSITIVE IN ACTION, IN THAT THE PISTONS AND DISCS DISPLACE OR CARRY OVER A FIXED QUANTITY OF WATER FOR EACH NUTATION OR OSCILLATION WHEN OPERATED UNDER POSITIVE PRESSURE.
COST: 3.00 P
WATER METERS
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 71-00

EPAW00096
AWWA STANDARD FOR COLD WATER METERS TURBINE TYPE FOR CUSTOMER SERVICE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
C701-70 (NO. 43701) 12 PP.
THIS STANDARD COVERS THE VARIOUS TYPES AND CLASSES OF COLD-WATER TURBINE METERS IN SIZES 1 1/2 IN.-12 IN. FOR WATER WORKS CUSTOMER SERVICE, AND THE MATERIALS AND WORKMANSHIP EMPLOYED IN THEIR FABRICATION. THESE METERS REGISTER BY RECORDING THE REVOLUTIONS OF A TURBINE SET IN MOTION BY THE FORCE OF FLOWING WATER STRIKING THE BLADES.
COST: 3.00 P
WATER METERS
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 70-00

EPAW00097
AWWA STANDARD FOR COLD WATER METERS COMPOUND TYPE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
C702-70 (NO. 43702) 12 PP.
THIS STANDARD COVERS THE VARIOUS TYPES AND CLASSES OF COLD-WATER COMPOUND TYPE METERS IN SIZES 2 IN. TO 10 IN., AND THE MATERIALS AND WORKMANSHIP EMPLOYED IN THEIR FABRICATION. COMPOUND METERS SHALL CONSIST OF A COMBINATION OF A MAIN LINE METER OF THE TURBINE TYPE FOR MEASURING HIGH RATES OF FLOW AND A BY-PASS METER OF THE DISPLACEMENT TYPE FOR MEASURING LOW RATES OF FLOW; WITH AN AUTOMATIC VALVE MECHANISM FOR DIVERTING LOW RATES OF FLOW THROUGH THE BY-PASS METER.
COST: 3.00 P
WATER METERS
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 70-00

EPAW00098
AWWA STANDARD FOR COLD WATER METERS FIRE SERVICE TYPE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
C703-70 (NO. 43703) 12 PP.
THIS STANDARD COVERS THE VARIOUS TYPES AND CLASSES OF COLD-WATER FIRE SERVICE TYPE METERS IN SIZES 3 IN. THROUGH 10 IN., AND THE MATERIALS AND WORKMANSHIP EMPLOYED IN THEIR FABRICATION. FIRE SERVICE METERS SHALL CONSIST OF A COMBINATION OF A MAIN LINE METER OF THE PROPORTIONAL TYPE, HAVING UNOBSTRUCTED PASSAGEWAY OF ESSENTIALLY THE FULL PIPE SIZE, FOR MEASURING HIGH RATES OF FLOW; AND A BYPASS METER OF THE COMPOUND OR POSITIVE DISPLACEMENT TYPE FOR MEASURING LOW RATES OF FLOW, WITH AN AUTOMATIC VALVE MECHANISM FOR DIVERTING LOW RATES OF FLOW THROUGH THE BYPASS METER.
COST: 3.00 P
WATER METERS
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 70-00

EPAW00099

AWWA STANDARD FOR COLD WATER METERS PROPELLER TYPE FOR MAIN LINE APPLICATIONS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
C704-70 (NO. 43704) 12 PP.
THIS STANDARD COVERS THE VARIOUS TYPES AND CLASSES OF COLD-WATER PROPELLER METERS IN SIZES 2 IN. THROUGH 36 IN. FOR MAIN LINE APPLICATIONS. THESE METERS REGISTER BY RECORDING THE REVOLUTIONS OF A PROPELLER SET IN MOTION BY THE FORCE OF FLOWING WATER STRIKING THE BLADES.

COST: 3.00 P
WATER METERS
TYPE(S): PM
LEVEL: 2
DATE: 70-00
CATEGORIES: D
COPYRIGHT: C

EPAW00100

AWWA STANDARD FOR DIRECT READING REMOTE REGISTRATION SYSTEMS FOR COLD WATER METERS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
C706-72 (NO. 43706) 12 PP.
THIS STANDARD COVERS DIRECT-READING REMOTE REGISTRATION SYSTEMS FOR USE ON COLD-WATER METERS FOR WATER UTILITY CUSTOMER SERVICE, AND THE MATERIALS AND WORKMANSHIP EMPLOYED IN THEIR FABRICATION AND ASSEMBLY.

COST: 3.00 P
WATER METERS
TYPE(S): PM
LEVEL: 2
DATE: 72-00
CATEGORIES: D
COPYRIGHT: C

EPAW00101

AWWA STANDARD FOR THREADS FOR UNDERGROUND SERVICE LINE FITTINGS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
C800-66 (NO. 43800) 16 PP.
THE FITTINGS COVERED BY THESE SPECIFICATIONS ARE THOSE IN GENERAL USE IN THE WATER UTILITY FIELD FOR THE INSTALLATION OF CORPORATION STOPS IN WATER MAINS AND THE SERVICE PIPE EXTENDING FROM THE MAIN TO THE CUSTOMER'S METER OR CURB STOP FOR THE PURPOSE OF SUPPLYING WATER TO HIS PREMISES.

COST: 3.00 P
PIPES
DISTRIBUTION SYSTEMS
TYPE(S): PM
LEVEL: 2
DATE: 66-00
CATEGORIES: D
COPYRIGHT: C

EPAW00102

AWWA STANDARD FOR STEEL TANKS STANDPIPES RESERVOIRS AND ELEVATED TANKS FOR WATER STORAGE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
D100-73 (NO. 44100) 72 PP.
THIS STANDARD COVERS THE MATERIALS, DESIGN, ACCESSORIES, WELDING, SHOP FABRICATION, ERECTION, INSPECTION, TESTING AND FOUNDATION DESIGN FOR WELDED STEEL ELEVATED TANKS, STANDPIPES, AND RESERVOIRS.

COST: 4.00 P
TANKS
TYPE(S): PM
LEVEL: 2
DATE: 73-00
CATEGORIES: D
COPYRIGHT: C

EPAW00103
AWWA STANDARD FOR INSPECTING AND REPAIRING STEEL TANKS STANDPIPES RESERVOIRS AND ELEVATED TANKS DATE: 53-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D O
SOURCE(S): AWWA COST: 3.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS TANKS MAINTENANCE
REMARKS AND ABSTRACT:
D101-53 (NO. 44101) 12 PP. ●
EVERY STEEL WATER STORAGE TANK, STANDPIPE OR RESERVOIR SHOULD BE CAREFULLY INSPECTED PRIOR TO REPAIR AND/OR REPAINTING AND AT ANY TIME WHEN LEAKAGE OR SOME OTHER APPARENT DETERIORATION IS OBSERVED. IN ANY EVENT, ALL WATER TANKS SHOULD BE THOROUGHLY INSPECTED AT INTERVALS OF NOT MORE THAN FIVE YEARS. IT IS THE INTENT OF THIS DOCUMENT TO DEFINE THE REQUISITE QUALIFICATIONS OF THE INSPECTING AGENCY, THE TYPE OF INSPECTION TO BE MADE AND THE DATA CONSIDERED ESSENTIAL.

EPAW00104
AWWA STANDARD FOR PAINTING AND REPAINTING STEEL TANKS STANDPIPES RESERVOIRS AND ELEVATED TANKS DATE: 64-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 4.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS TANKS MAINTENANCE
REMARKS AND ABSTRACT:
D102-64 (NO. 44102) 36 PP
THIS STANDARD COVERS EXTERIOR AND INTERIOR COATINGS FOR STEEL TANKS, STANDPIPES, RESERVOIRS AND ELEVATED TANKS.

EPAW00105
AMERICAN NATIONAL STANDARD FOR DEEP WELL VERTICAL TURBINE PUMPS LINE SHAFT AND SUBMERSIBLE TYPES DATE: 71-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 5.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS TURBINE PUMPS WATER WELLS
REMARKS AND ABSTRACT:
E101-71 (ANSI B58.1-1971) (NO. 45101) 56 PP
THIS STANDARD PROVIDES MINIMUM REQUIREMENTS FOR VERTICAL TURBINE PUMPS LINE SHAFT AND SUBMERSIBLE UTILIZING DISCHARGE COLUMN PIPE UP TO AND INCLUDING 16 INCHES IN SIZE. THE STANDARD PERTAINS TO EQUIPMENT SUITABLE FOR PUMPING WATER FROM WELLS.

EPAW00106
STORY OF WATER SUPPLY DATE: 74-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: E
SOURCE(S): AWWA COST: 0.00 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
UTILITIES WATER SUPPLY PUBLIC RELATIONS
REMARKS AND ABSTRACT:
NO. 70001: ILLUSTRATED BOOKLET, 16 PAGES. QUANTITY RATES ON REQUEST.
PICTORIAL PRESENTATION OF DEVELOPMENT OF WATER SYSTEMS
IN U.S.; TREATMENT PROCEDURES AND ACCOMPLISHMENTS
OF WATER SUPPLY INDUSTRY. AIMED AT ELEMENTARY
AND JR. HIGH STUDENTS

EPAW00107
YOUR WATER SUPPLY DATE: 76-99
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: E
SOURCE(S): AWWA COST: 0.00 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
CONSERVATION PUBLIC RELATIONS DISTRIBUTION SYSTEMS
REMARKS AND ABSTRACT:
NO. 70002 - ILLUSTRATED: ENVELOPE STUFFER; QUANTITY RATES ON REQUEST
"HOW-TO" INFORMATION ON DETECTING LEAKS, READING
METERS, REPLACING FAUCET WASHERS, AND SAVING WATER.

EPAW00108
SUPERVISORS WORKSHOP DATE: 65-00
AUTHOR(S): NFI TYPE(S): PM CATEGORIES: S
SOURCE(S): BBP AWWA COST: 2.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
DECISION MAKING COMMUNICATION SAFETY COSTS
PERSONNEL
REMARKS AND ABSTRACT:
A TWELVE MONTH PORTFOLIO SUBSCRIPTION PROGRAM WITH OPTION TO CONTINUE THROUGH 48 MONTHLY INSTALLMENTS.
A SELF-DEVELOPMENT PROGRAM FOR FIRST-LINE SUPERVISORS ENDORSED BY AWWA.
THE PROGRAM IS CATEGORIZED INTO EIGHT SUBJECT HEADINGS THAT INVOLVE SUPERVISORY RESPONSIBILITY.
COST REFLECTS INSTALLMENT PRICE PER MONTH.
ORDERS ARE PLACED WITH BUREAU OF BUSINESS PRACTICE, NOT AWWA.

EPAW00109
SOUNDS OF SUPERVISION DATE: 74-00
AUTHOR(S): NFI TYPE(S): AC PM CATEGORIES: S
SOURCE(S): BBP AWWA COST: 7.45 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
DECISION MAKING SUPERVISION COMMUNICATION SAFETY
REMARKS AND ABSTRACT:
A TWELVE MONTH SUBSCRIPTION OF 30 MINUTE CASSETTE TAPES ACCOMPANIED BY THE SUPERVISOR'S PROBLEM SOLVING SERIES BOOKLET.
AN AUDIO-TUTORIAL INSTRUCTIONAL MODE FOR FIRST-LINE SUPERVISORS ENDORSED BY AWWA.
PREDOMINANT EMPHASIS ON EMPLOYEE RELATIONS AND PROBLEMS OF PERSONNEL PRACTICE.
COST REFLECTS INSTALLMENT PRICE PER MONTH.
ORDERS ARE PLACED WITH BUREAU OF BUSINESS PRACTICE, NOT AWWA.

EPAW00110
EMERGENCY PLANNING FOR WATER UTILITY MANAGEMENT DATE: 73-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: P S
SOURCE(S): AWWA COST: 6.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
EMERGENCY OPERATIONS (WATER) DISASTERS PLANNING SAFETY
REMARKS AND ABSTRACT:
RPT: AWWA P19, 94PP.
DISCUSSES DISASTERS (NATURAL AND MAN MADE) AND THEIR EFFECTS, VULNERABILITY ASSESSMENT, PROTECTIVE MEASURES,
EMERGENCY OPERATIONS PLANNING, AND TRAINING. IMPACT ON PLANT CONSTRUCTION; WATERSHEDS, RESERVOIRS, STORAGE
TANKS, PIPE SYSTEM, CONTAMINANTS, POWER, COMMUNICATION, AND TRANSPORTATION. PROTECTIVE AND EMERGENCY
MEASURES COVERED. MODEL CONTINGENCY PLANS, CODE '10' SIGNALS, THE PHONETIC ALPHABET, AND
TOXICITY LEVELS CONTAINED IN THE APPENDICES. TABLES, GRAPHS, BIBL.

EPAW00111

WATER CHLORINATION PRINCIPLES AND PRACTICES
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
CHLORINATION
REMARKS AND ABSTRACT:
COST: 7.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O S T
COPYRIGHT: C
DATE: 73-00
SAFETY (CHEMICAL)
DISTRIBUTION SYSTEMS
CHLORINE RESIDUAL
MANUAL M20, PAPER BOUND, 84 PP. ORDER MANUAL NO. 30020.
THEORY, APPLICATION AND USE OF CHLORINE RELATING TO WATER TREATMENT AND DISTRIBUTION SYSTEMS.
EMPHASIZES SAFE HANDLING PRACTICES AND CHLORINATION EQUIPMENT.
MANUAL PREPARED TO BE USED IN CONJUNCTION WITH AWWA CHLORINATION WORKSHOP FOR OPERATORS.

EPAW00112

SEWAGE WORKS JOURNAL TWENTY YEAR INDEX 1928-1948
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
COST: 6.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O P S T
COPYRIGHT: C
DATE: 49-00
INDUSTRIAL WASTES
THIS INDEX TO SEWAGE WORKS JOURNAL 1928-48 IS CROSS REFERENCED BY AUTHOR, TITLE, AND SUBJECT.

EPAW00113

SEWAGE AND INDUSTRIAL WASTES TEN YEAR INDEX 1949-1958
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
COST: 6.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O P S T
COPYRIGHT: C
DATE: 59-00
INDUSTRIAL WASTES
THIS INDEX TO SEWAGE AND INDUSTRIAL WASTES 1949-58 IS CROSS REFERENCED BY AUTHOR, TITLE, AND SUBJECT.

EPAW00114

WATER POLLUTION CONTROL FEDERATION JOURNAL FIVE YEAR INDEX 1959-1963
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
COST: 6.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O P S T
COPYRIGHT: C
DATE: 64-00
WATER QUALITY
INDUSTRIAL WASTES
THIS INDEX TO JOURNAL WATER POLLUTION CONTROL FEDERATION 1959-63 IS CROSS REFERENCED BY AUTHOR, TITLE, AND SUBJECT.

EPAW00115

WATER POLLUTION CONTROL FEDERATION JOURNAL FIVE YEAR INDEX 1964-1968
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
COST: 8.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O P S T
COPYRIGHT: C
DATE: 69-00
WATER QUALITY
INDUSTRIAL WASTES
THIS INDEX TO JOURNAL WATER POLLUTION CONTROL FEDERATION 1964-68 IS CROSS REFERENCED BY AUTHOR, TITLE, AND SUBJECT.

EPAW00116
SAFETY IN WASTEWATER WORKS
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
WASTEWATER TREATMENT PLANTS SAFETY
COST: 0.00
TYPE(S): PM
LEVEL: 2
CATEGORIES: O S
COPYRIGHT: C
DATE: 75-00
REMARKS AND ABSTRACT:
MOP RPT. NO. 1
INCLUDES INFORMATION ON SAFE PRACTICES IN THE DESIGN, OPERATION, AND MAINTENANCE OF WASTEWATER COLLECTION AND TREATMENT SYSTEMS. AREAS DISCUSSED INCLUDE RESPONSIBILITIES, SAFETY PROGRAMS, OPERATIONS AND MAINTENANCE, NOXIOUS GASES AND VAPORS, OXYGEN DEFICIENCY, SAFETY PRACTICES, EQUIPMENT, ACCIDENT REPORTING, INVESTIGATION AND ANALYSIS.

EPAW00117
UTILIZATION OF MUNICIPAL WASTEWATER SLUDGE
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
PUBLIC HEALTH SLUDGE DISPOSAL ECONOMICS SLUDGE DEWATERING
COST: 4.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O P
COPYRIGHT: C
DATE: 71-00
REMARKS AND ABSTRACT:
MOP RPT. NO. 2
SLUDGE UTILIZATION PRACTICES ARE DESCRIBED IN TERMS OF SOIL CONDITIONING, FERTILIZATION, AND DISPOSAL. HYGIENIC ASPECTS, ECONOMIC CONSIDERATIONS, MARKETING TREATED SLUDGE, HEAT DRYING, COMPOSTING, AND SLUDGE CHARACTERISTICS ARE DISCUSSED.

EPAW00118
REGULATION OF SEWER USE
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
COLLECTION SYSTEMS COSTS ADMINISTRATIVE AGENCIES INDUSTRIAL WASTES
LAWS AND REGULATIONS PRETREATMENT
COST: 2.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: L M O P
COPYRIGHT: C
DATE: 75-00
REMARKS AND ABSTRACT:
MOP RPT. NO. 3
THE PUBLIC BODY CHARGED WITH CONTROL OF A COLLECTION SYSTEM HAS AN OBLIGATION TO KEEP THE SYSTEM IN CONDITION TO SERVE THE USER. NOT ONLY IS PROPER MAINTENANCE REQUIRED BUT ALSO LEGALLY CONSTITUTED GUIDELINES FOR USE OF THE SYSTEM. THE MANUAL PRESENTS THE CASE FOR SUCH REGULATION THROUGH THE PRESENTATION OF A MODEL ORDINANCE AND DETAILED DISCUSSION OF ITS COMPONENT PARTS.

EPAW00119
AERATION IN WASTEWATER TREATMENT
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
ACTIVATED SLUDGE AEROBIC TREATMENT MAINTENANCE BIOLOGICAL TREATMENT
COST: 6.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O
COPYRIGHT: C
DATE: 71-00
REMARKS AND ABSTRACT:
MOP RPT. NO. 5
INTENDED TO PROVIDE DESIGNERS, OPERATORS AND MAINTENANCE PERSONNEL WITH THE FUNDAMENTAL THEORY AND OPERATIONAL ASPECTS OF AERATION.

EPAWC0120
UNITS OF EXPRESSION FOR WASTES AND WASTE TREATMENT
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
ARITHMETIC
STANDARDS
COST: 1.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M O T
COPYRIGHT: C
DATE: 76-00
DATA EVALUATION
MATHEMATICS
MEASUREMENT
REMARKS AND ABSTRACT:
MOP RPT. NO. 6
UNITS OF EXPRESSION ARE RECOMMENDED FOR PERTINENT FACTORS IN CHARACTERIZATION AND TREATMENT OF WASTES. THE UNITS ARE RECOMMENDED IN THE HOPE THAT THEY WILL BECOME STANDARD THROUGH VOLUNTARY ACCEPTANCE AND USE.

EPAW00121
SEWER MAINTENANCE
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
COLLECTION SYSTEMS
MAINTENANCE
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O S
COPYRIGHT: C
DATE: 66-00
CORRECTIVE MAINTENANCE
OPERATIONS
EMERGENCY OPERATIONS
SANITARY SEWERS
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
MOP RPT. NO. 7
GUIDE TO MAINTAINING A COLLECTION SYSTEM IN SERVICEABLE CONDITION. OUTLINES THE NEED FOR MAINTENANCE, DESIGN CONSIDERATIONS, SETTING UP A MAINTENANCE ORGANIZATION AND EQUIPMENT NEEDS.

EPAW00122
SEWAGE TREATMENT PLANT DESIGN
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
WASTEWATER TREATMENT PLANTS
SLUDGE TREATMENT
PLANT CONSTRUCTION
ASCE
COST: 7.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D
COPYRIGHT: C
DATE: 59-00
WASTEWATER TREATMENT DESIGN
CHEMICAL PRECIPITATION
SAFETY
BIOLOGICAL TREATMENT
TRICKLING FILTERS
CHEMICAL PROPERTIES
PRIMARY TREATMENT
CHLORINATION
SEDIMENTATION
REMARKS AND ABSTRACT:
MOP-8, 375PP.
SUMMARIZES AND INTERPRETS PRACTICES IN THE DESIGN OF SEWAGE TREATMENT PLANTS. PROCESSES, EQUIPMENT AND STANDARDS USED BY ENGINEERS IN DESIGNING PLANTS DURING 1953/1955. NO EVALUATION OF VARIOUS DESIGNS GIVEN. EMPHASIZES DOMESTIC WASTES, THOUGH INDUSTRIAL WASTES BRIEFLY COVERED. REPORTING COMMITTEE COMPOSED OF CONSULTANTS, EQUIPMENT MANUFACTURERS, HEALTH OFFICIALS, PLANT SUPERINTENDENTS/OPERATORS.

EPAW00124
UNIFORM SYSTEM OF ACCOUNTS FOR WASTEWATER UTILITIES
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
BUDGET AND ACCOUNTING
COST: 4.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O S
COPYRIGHT: C
DATE: 70-00
WASTEWATER TREATMENT PLANTS
RECORD KEEPING
REMARKS AND ABSTRACT:
MOP RPT. NO. 10
GUIDE TO THE PLANNING OF IMPROVEMENTS, BUDGETS, OFFICE ROUTINE, AND GENERAL ADMINISTRATION OF A WASTEWATER UTILITY. ITS SUGGESTIONS ARE ADAPTABLE TO BOTH SMALL AND LARGE ORGANIZATIONS AND BOTH PRIVATELY OWNED AND PUBLIC UTILITIES.

EPAW00125

OPERATION OF WASTEWATER TREATMENT PLANTS — DATE: 70-00

AUTHOR(S): WPCF — TYPE(S): PM — CATEGORIES: M O S

SOURCE(S): WPCF — COST: 4.00 P — LEVEL: 2 — COPYRIGHT: C

SUBJECT AREAS:

OPERATIONS (WASTEWATER)	SAMPLING	PUMPS	SCREENING AND GRINDING
GRIT REMOVAL	SEDIMENTATION	SLUDGE DIGESTION	SLUDGE CONDITIONING
SLUDGE DEWATERING	SLUDGE DISPOSAL	DEGASIFICATION	TRICKLING FILTERS
DISINFECTION	GLOSSARIES	FLOW MEASUREMENT	

REMARKS AND ABSTRACT:

RPT: MOP-11, 195PP.

EACH PROCESS SUCCINCTLY IDENTIFIED BY FUNDAMENTALS, PROCESS DESCRIPTION AND MANAGEMENT. EMERGENCY OPERATIONS DESCRIBED WHERE PERTINENT; EQUIPMENT DESCRIPTIONS (EG. IMHOFF TANKS, ENGINES, PUMPS, ETC), AND ADMINISTRATIVE CONSIDERATIONS COVERED. SOURCE OF BRIEF DEFINITIONS FOR ALL TREATMENT PROCESSES. DETAILED TABLE OF CONTENTS.

EPAW00126

ANAEROBIC SLUDGE DIGESTION — DATE: 68-00

AUTHOR(S): WPCF — TYPE(S): PM — CATEGORIES: O

SOURCE(S): WPCF — COST: 3.00 P — LEVEL: 2 — COPYRIGHT: C

SUBJECT AREAS:

ANAEROBIC DIGESTION	SLUDGE DIGESTION	BIODEGRADATION	OPERATIONS

REMARKS AND ABSTRACT:

MOP RPT. NO. 16

DESIGNED TO PROVIDE TREATMENT PLANT OPERATORS WITH THE FUNDAMENTAL THEORY OF ANAEROBIC SLUDGE DIGESTION AS IT CAN BE APPLIED TO SOLVING PLANT OPERATION PROCEDURES AND PROBLEMS.

EPAW00127

PAINTS AND PROTECTIVE COATINGS FOR WASTEWATER TREATMENT FACILITIES — DATE: 69-00

AUTHOR(S): WPCF — TYPE(S): PM — CATEGORIES: D O

SOURCE(S): WPCF — COST: 3.00 P — LEVEL: 2 — COPYRIGHT: C

SUBJECT AREAS:

PROTECTIVE COATINGS	MAINTENANCE

REMARKS AND ABSTRACT:

MOP RPT. NO. 17

INTENDED TO PROVIDE DESIGNERS, OPERATORS, AND MAINTENANCE PERSONNEL OF WASTEWATER COLLECTION AND TREATMENT FACILITIES WITH THE FUNDAMENTAL THEORY AND PRACTICAL ASPECTS OF THE NEED FOR, CHOICE OF, APPLICATION OF, AND MAINTENANCE OF PAINTS AND PROTECTIVE COATINGS.

EPAW00128

SLUDGE DEWATERING — DATE: 69-00

AUTHOR(S): WPCF — TYPE(S): PM — CATEGORIES: D O

SOURCE(S): WPCF — COST: 5.00 P — LEVEL: 2 — COPYRIGHT: C

SUBJECT AREAS:

SLUDGE DEWATERING

REMARKS AND ABSTRACT:

MOP RPT. 20

PROVIDES A SUMMARY OF CURRENT PRACTICE IN SLUDGE CONDITIONING METHODS AND PROCEDURES USED FOR DEWATERING SETTLED SLUDGE FROM WASTEWATER TREATMENT PLANTS.

EPAW00129
SIMPLIFIED LABORATORY PROCEDURES FOR WASTEWATER EXAMINATION DATE: 69-00
AUTHOR(S): WPCF TYPE(S): PM CATEGORIES: O S
SOURCE(S): WPCF COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
ANALYTICAL TECHNIQUES LABORATORY SKILLS SAMPLING
REMARKS AND ABSTRACT:
WPCF PUB.NO. 18
INCLUDES BASIC METHODS OF ANALYSIS USED TO MONITOR TREATMENT PLANT OPERATIONS. ALL METHODS USED ARE SIMPLIFIED VERSIONS OF TESTS SPECIFIED IN "STANDARD METHODS FOR THE ANALYSES OF WATER AND WASTEWATER".

EPAW00130
PUBLIC RELATIONS HANDBOOK (OUT OF PRINT) DATE: 76-99
AUTHOR(S): WPCF TYPE(S): PM CATEGORIES:
SOURCE(S): WPCF COST: 4.00 P LEVEL: COPYRIGHT:
SUBJECT AREAS:
PUBLIC RELATIONS
REMARKS AND ABSTRACT:
WPCF PUB. NO. 12 (OUT OF PRINT), UNDER REVISION.

EPAW00131
WELL OF THE WORLD (OUT OF PRINT) DATE: 76-99
AUTHOR(S): WPCF TYPE(S): PM CATEGORIES:
SOURCE(S): WPCF COST: 0.00 P LEVEL: COPYRIGHT:
SUBJECT AREAS:
WATER QUALITY
REMARKS AND ABSTRACT:
WPCF PUB. NO. 19 (OUT OF PRINT)

EPAW00132
WASTEWATER TREATMENT PLANT OPERATOR TRAINING COURSE 1 DATE: 66-00
AUTHOR(S): WPCF TYPE(S): PM SL CATEGORIES: O
SOURCE(S): WPCF COST: 6.00 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
BIOLOGICAL TREATMENT OPERATIONS (WASTEWATER)
REMARKS AND ABSTRACT:
WPCF PUB. NO. 13
CONTAINS 26 TOPICAL LECTURE OUTLINES SUPPLEMENTED BY 107 COLOR SLIDES. IT IS DESIGNED TO GIVE THE OPERATOR A DESCRIPTION OF HIS ROLE AND OF THE VARIOUS PROCESSES INVOLVED IN WASTEWATER TREATMENT, AS WELL AS A BASIC UNDERSTANDING OF THE THEORY OF THESE PROCESSES.

EPAW00133

WASTEWATER TREATMENT PLANT OPERATOR TRAINING COURSE 2
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
INSTRUCTION
PREVENTIVE MAINTENANCE
DISINFECTION
COST: 50.00 P
OPERATIONS (WASTEWATER)
RECORD KEEPING
SAMPLING
TYPE(S): PM SL
LEVEL: 2
ANALYTICAL TECHNIQUES
SLUDGE TREATMENT
SAFETY
CATEGORIES: O S
COPYRIGHT: C
DATE: 67-00
HYDRAULICS
STABILIZATION LAGOONS
DATA EVALUATION
REMARKS AND ABSTRACT:
RPT: PUB.NO. 14, 154PP.
AUGMENTED BY 166 COLOR SLIDES, TRAINING GUIDE PROVIDES INSTRUCTOR WITH DETAILED COURSE OUTLINES FOR ALL WASTEWATER TREATMENT PROCESSES (EG. ANAEROBIC DIGESTION, TRICKLING FILTERS, ETC) AS WELL AS GENERAL INFORMATION ON HYDRAULICS, EQUIPMENT AND ADMINISTRATIVE ASPECTS OF PLANT OPERATION. APPENDIX CONTAINS DESCRIPTION OF EACH COLOR SLIDE USED FOR COURSE.

EPAW00134

SAFETY PROGRAM PROMOTION
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
SAFETY
COST: 16.50
TYPE(S): PM SL
LEVEL: 2
CATEGORIES: O S
COPYRIGHT: C
DATE: 69-00
REMARKS AND ABSTRACT:
OUTLINES AND SLIDES WERE DEVELOPED TO PROMOTE EFFECTIVE SAFETY PROGRAMS IN ALL WATER POLLUTION CONTROL AGENCIES. TWO SEPARATE MANUALS WITH 35 MM SLIDE ILLUSTRATIONS ARE INCLUDED: "WHY A SAFETY PROGRAM IN EVERY WATER POLLUTION CONTROL WORKS", AND "SAFETY PROGRAM GUIDE FOR WATER POLLUTION CONTROL SYSTEMS".

EPAW00135

PICTORIAL REVIEW OF WASTEWATER TREATMENT FACILITIES AND EQUIPMENT
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
EQUIPMENT (PLANT)
COST: 0.00 P
OPERATIONS (WASTEWATER)
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 1)
PICTURES OF EQUIPMENT USED IN THE WASTEWATER TREATMENT FIELD.

EPAW00136

ENVIRONMENTAL GUIDEBOOK FOR CONSTRUCTION
AUTHOR(S): CO BOR
SOURCE(S): CO BCR GPO
SUBJECT AREAS:
WATER QUALITY
COST: 1.00 P
PLANT CONSTRUCTION
TYPE(S): PM
LEVEL: 2
CATEGORIES: E P S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(STOCK NO. 2403 00090) 61PP.
GIVES IDEAS AND SUGGESTIONS TO INDIVIDUAL WORKERS AND SUPERVISORS ABOUT ENVIRONMENTAL PRACTICES THEY CAN APPLY WHILE PERFORMING EVERYDAY DUTIES. CHAPTER ON WATER QUALITY CONTROL.

EPAW00138

MARGIN FOR SAFETY — DATE: 70-00
AUTHOR(S): WPCF
SOURCE(S): WPCF — COST: 11.50 P — TYPE(S): PM SL — LEVEL: 1 — CATEGORIES: O S — COPYRIGHT: C
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
INTENDED AS A TEACHING AID TO INDOCTRINATE WASTEWATER PERSONNEL IN DEVELOPING SAFE WORK HABITS. CONSISTS OF EXAMPLES OF HOW TO SAFELY CONDUCT PLANT AND COLLECTION SYSTEM OPERATIONS.

EPAW00139

MANUAL OF INSTRUCTION FOR WATER TREATMENT PLANT OPERATORS — DATE: 70-00
AUTHOR(S): NY HES
SOURCE(S): NY HES — COST: 2.00 P — TYPE(S): PM — LEVEL: 2 — CATEGORIES: O S — COPYRIGHT:
SUBJECT AREAS:

MANUALS	WATER CHARACTERISTICS	MICROBIOLOGY	FLUORIDATION
COAGULATION	CHLORINATION	AERATION	TASTE AND ODOR
RECORD KEEPING	PREVENTIVE MAINTENANCE	ANALYTICAL TECHNIQUES	HYDROLOGY
OPERATIONS (WASTEWATER)	CORROSION	DISTRIBUTION SYSTEMS	

REMARKS AND ABSTRACT:
308 PP.
COMPACT REFERENCE MANUAL EMPHASIZING TREATMENT PROCESSES AND PROCEDURES SUPPORTED BY MANY TABLES, GRAPHS, AND MATHEMATICAL FORMULAS. ORIENTED TOWARD QUANTIFYING VARIABLES INVOLVED IN TREATMENT (EG. AMOUNT OF CHEMICALS, SAMPLING SPECIFICATIONS, ETC.). LITTLE EMPHASIS ON ADMINISTRATIVE ASPECTS. DETAILED TABLE OF CONTENTS. ILLUS, GRAPHS, TABLES, LIMITED BIBL, NO INDEX.

EPAW0014C

MANUAL OF INSTRUCTION FOR SEWAGE TREATMENT PLANT OPERATORS — DATE: 65-00
AUTHOR(S): NY HES
SOURCE(S): NY HES — COST: 1.50 P — TYPE(S): PM — LEVEL: 3 — CATEGORIES: O [illegible] L S — COPYRIGHT:
SUBJECT AREAS:

SEWERS	ANALYTICAL TECHNIQUES	OPERATIONS (WASTEWATER)	SAMPLING
RECORD KEEPING	PREVENTIVE MAINTENANCE	SAFETY	ARITHMETIC
SLUDGE TREATMENT	PRIMARY TREATMENT	AQUATIC GROWTHS	

REMARKS AND ABSTRACT:
243 PP.
PREPARED FOR GRADE 2 OPERATORS, WRITTEN PRIMARILY AS A TEXT TO BE USED IN CONJUNCTION WITH TRAINING COURSE. HEAVILY NARRATIVE, AVOIDS OVERLY TECHNICAL TREATMENT, AND PRESENTS MATERIAL CONCISELY. APPENDICES SUPPORT BACKGROUND MATERIAL (EG ARITHMETIC, CHEMISTRY, BACTERIOLOGY, ETC). GLOSSARY.

EPAW00141

OPERATION OF WASTEWATER TREATMENT PLANTS — DATE: 70-00

AUTHOR(S): KERRI K — TYPE(S): PM — CATEGORIES: M O S T

SOURCE(S): SACRAMENTO — COST: 25.00 P — LEVEL: 2 — COPYRIGHT:

SUBJECT AREAS:

PRIMARY TREATMENT	SEDIMENTATION	PUMPS	TRICKLING FILTERS
ACTIVATED SLUDGE	DIGESTION	SLUDGE TREATMENT	STABILIZATION LAGOONS
CHLORINATION	SAFETY	MAINTENANCE	CHEMICAL ANALYSIS
SAMPLING	ARITHMETIC	OPERATIONS (WASTEWATER)	

REMARKS AND ABSTRACT:

APPROX. 1000 PP. INSTRUCTOR'S MANUAL, $10.00
WRITTEN BY EXPERIENCED OPERATORS WITH THE INTENT OF PROVIDING OPERATORS WITH THE INFORMATION THEY NEED TO KNOW TO OPERATE THEIR PLANTS AS EFFICIENTLY AS POSSIBLE. OPERATORS, PERSONS INTERESTED IN BECOMING OPERATORS, AND PERSONS INTERESTED IN THE OPERATION OF TREATMENT PLANTS WILL FIND VALUABLE INFO IN THE MANUAL. TOPICS COVERED INCLUDE DESCRIPTION OF PLANTS, RACKS, SCREENS, COMMINUTORS, GRIT REMOVAL, SEDIMENTATION, TRICKLING FILTERS, ACTIVATED SLUDGE, SLUDGE DIGESTION AND HANDLING, PONDS, CHLORINATION, MAINT, SAFETY, MATH, LAB, RECORD.

EPAW00142

ANALYSIS OF WASTE WATER SAMPLES — DATE: 76-99

AUTHOR(S): NY DEPT OF HEALTH — TYPE(S): PM SL — CATEGORIES: M

SOURCE(S): NY HES — COST: 135.00 P — LEVEL: 2 — COPYRIGHT: C

SUBJECT AREAS:

CHLORINE RESIDUAL	PH	SUSPENDED MATTER	DISSOLVED OXYGEN
BIOCHEMICAL OXYGEN DEMAND	TOTAL COLIFORMS	CHLORINE DEMAND	VOLATILE ACIDS
WASTEWATER CHARACTERISTICS	ANALYTICAL TECHNIQUES		

REMARKS AND ABSTRACT:

35MM, 342 COLORED SLIDES, SCRIPT, ALSO INCLUDES METHYLENE BLUE DIRECITONS FOR PERFORMING 16 TESTS.

EPAW00143

PROCEDURES FOR EVALUATING PERFORMANCE OF WASTEWATER TREATMENT PLANTS A MANUAL — DATE: 72-00

AUTHOR(S): URS RESEARCH CO — TYPE(S): PM — CATEGORIES: M O P S

SOURCE(S): EPAI — COST: 0.00 P — LEVEL: 3 — COPYRIGHT:

SUBJECT AREAS:

PLANT PERFORMANCE	MONITORING	CORRECTIVE MAINTENANCE	PRIMARY TREATMENT
SECONDARY TREATMENT	TERTIARY TREATMENT	TROUBLESHOOTING	OPERATIONS
WASTEWATER TREATMENT PLANTS	SAMPLING		

REMARKS AND ABSTRACT:

APPROX 150 PP.
EVALUATION PROCEDURES FOR PLANT PERFORMANCE GIVEN INCLUDING USE OF PLANT OPERATIONAL DATA, AND SAMPLING/TESTING REQUIREMENTS. OUTLINES PROBLEMS TYPICALLY ENCOUNTERED IN SPECIFIC TREATMENT PROCESSES, AND FOR EACH SITUATION LISTS INDICATORS, MONITORING AND ANALYSIS TECHNIQUES, AND A CHECKLIST OF CORRECTIVE PROCEDURES. ALSO INFORMATION NECESSARY TO IDENTIFY AND CLASSIFY VARIOUS TYPES OF PLANTS GIVEN. GLOSSARY, BIBL.

EPAW00146
ITS YOUR DECISION CLEAN WATER (OUT OF PRINT)
AUTHOR(S): LWV
SOURCE(S): MTP1
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00147
WATER FAMINE (OUT OF PRINT)
AUTHOR(S): CBS
SOURCE(S): MTP1
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM, 30 MIN., BLACK & WHITE
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00149
LAKE ERIE POLLUTION FEATURE (OUT OF PRINT)
AUTHOR(S): CBS
SOURCE(S): MTP1
SUBJECT AREAS:
LAKES
REMARKS AND ABSTRACT:
16MM, 4 MIN., BLACK & WHITE
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00151
BEARGRASS CREEK
AUTHOR(S): ORSANCO
SOURCE(S): FINLEY
SUBJECT AREAS:
BIOLOGY
REMARKS AND ABSTRACT:
16MM, 20 MIN., COLOR; PURCHASE PRICE: 020000 P
ENVIRONMENTAL PROBLEMS RESULING FROM MUNICIPAL WASTES.
FINLEY
COST: 20.00 R
DOMESTIC WASTEWATERS
TYPE(S): MP
LEVEL: 1
WASTEWATER TREATMENT
CATEGORIES: E P
COPYRIGHT: C
ENVIRONMENTAL CONTROL
DATE: 61-00

EPAW00154
LAKES
AUTHOR(S): IN UNIV
SOURCE(S): IN UNIV
SUBJECT AREAS:
LIMNOLOGY
REMARKS AND ABSTRACT:
16MM, 9 MIN., COLOR
LAKES ARE CHARACTERIZED, DEFINED, AND DESCRIBED IN TERMS OF THEIR PHYSICAL FEATURES, HOW THEY ARE CREATED AND DESTROYED, AND THEIR USES. THE SIZE AND SHAPE OF A LAKE MAY VARY; LAKES CAN BE BORN EITHER NATURALLY OR WITH MAN'S HELP, BUT ALL LAKES ARE FORMED BECAUSE THERE IS A DEPRESSION IN THE SURROUNDING LAND. LAKES ARE USED AS SOURCES OF FOOD, RECREATION, AND ELECTRICITY.
COST: 6.75 R
WATER QUALITY
TYPE(S): MP
LEVEL: 1
CATEGORIES: E T
COPYRIGHT: C
DATE: 70-00

EPAW00156 DATE: 76-99

ANALYSIS OF WIT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 79.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. FR201, 14 TRANSPARENCIES.
WIT IS REGARDED TO FUNCTION SOLELY WITHIN THE PROVINCE OF LANGUAGE. THE DEVELOPMENT AND THE BASIC FORMS OF WIT ARE MADE EXPLICIT.

EPAW00158 DATE: 71-80

GROUND WATER THE HIDDEN RESERVOIR
AUTHOR(S): SANDERS J
ELLWOOD R B
SOURCE(S): WILEY
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: T
COPYRIGHT: C
SUBJECT AREAS:
GROUNDWATER
REMARKS AND ABSTRACT:
16MM, 19 MIN., COLOR.
BRONZE MEDAL WINNER, PRESENTED AT THE ATLANTA INTERNATIONAL FILM FESTIVAL. EXPLAINS THE ORIGINS OF GROUND WATER AND DEFINES SUCH TOPICS AS PERMEABILITY, IMPERMEABILITY, WATER TABLE, ARTESIAN CONDITIONS, GEYSER, HARD WATER, CAVERN FORMATION, ETC.

EPAW00160 DATE: 76-99

OIL AND GAS ENGINES
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
32PP.
COMPREHENSIVE REVIEW OF OIL AND GAS ENGINES. INCLUDED ARE THE ROTARY AND RADIAL MODELS, INTEGRAL ENGINE/COMPRESSOR DESIGN, GOVERNORS. LATEST METHODS OF SCAVENGING, SUPERCHARGING, ETC.

EPAW00161 DATE: 76-99

HORSESHOE NAIL (OUT OF PRINT)
AUTHOR(S): FINLEY
SOURCE(S): FINLEY
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
SUBJECT AREAS:

REMARKS AND ABSTRACT:
16MM, 18MIN., COLOR

EPAW00162
FIRST FIFTEEN YEARS (OUT OF PRINT) DATE: 76-99
AUTHOR(S): ORSANCO TYPE(S): MP CATEGORIES:
SOURCE(S): FINLEY COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:

REMARKS AND ABSTRACT:
16MM, 25 MIN., COLOR

EPAW00164
FIRST POLLUTION DATE: 72-00
AUTHOR(S): FINLEY TYPE(S): MP CATEGORIES: E P
SOURCE(S): FINLEY MTP1 COST: 30.00 R LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
BIOLOGY WATER QUALITY COLLECTION SYSTEMS ENVIRONMENTAL CONTROL
DOMESTIC WASTEWATERS
REMARKS AND ABSTRACT:
16MM, 26., COLOR; RENTAL FROM MTP-1 FREE; PURCHASE PRICE: 030000 P.
A MOTION PICUTRE ABOUT MINICIPAL AND INDUSTRIAL WASTE COLLECTION AND DISPOSAL.

EPAW00165
RENAISSANCE OF A RIVER DATE: 65-00
AUTHOR(S): INTER ADVE COMM FINLEY TYPE(S): MP CATEGORIES: E P
SOURCE(S): FINLEY COST: 20.00 R LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
BIOLOGY RIVERS ENVIRONMENTAL CONTROL WATER QUALITY
DOMESTIC WASTEWATERS ENVIRONMENTAL CONTROL WASTEWATER TREATMENT
REMARKS AND ABSTRACT:
16MM, 20 MIN., COLOR; PURCHASE PRICE: 020000 P
WATER QUALITY MANAGEMENT IN THE SUSQUEHANNA RIVER BASIN.

EPAW00168
GIFTS DATE: 70-00
AUTHOR(S): EPA TYPE(S): MP CATEGORIES: E
SOURCE(S): MTP2 COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL CONTROL WATER QUALITY
REMARKS AND ABSTRACT:
RUNNING TIME 30 MINUTES. EXCELLENT FOR GENERAL PUBLIC, SECONDARY LEVEL ON. ORIGINATED BY FWQA. ECOLOGICAL TRIP ABOUT ALL FORMS OF POLLUTION. THE GIFTS WAS FILMED NATIONWIDE IN 18 STATES AND THE DISTRICT OF COLUMBIA, IN EVERY REGION OF THE COUNTRY. THE FILM IS NARRATED BY LORNE GREENE. THE ORIGINAL SCORE WAS WRITTEN, ARRANGED AND CONDUCTED BY SKITCH HENDERSON.

EPAW00175
OIL CN THE RIVER
AUTHOR(S): ORSANCO
SOURCE(S): FINLEY
SUBJECT AREAS:
SPILLS (OIL)
REMARKS AND ABSTRACT:
FINLEY
COST: 30.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: E O P T
COPYRIGHT: C
DATE: 61-00
ENVIRONMENTAL CONTROL
EMERGENCY OPERATIONS (WASTE)
16MM, 23 MIN., COLOR; PURCHASE PRICE: 032504 P
ILLUSTRATING PROPER METHODS OF HANDLING OIL TO PREVENT POLLUTION.

EPAW00177
HOW OUR TOWN SAVED THE RIVER
AUTHOR(S): PCA
SOURCE(S): PCA
SUBJECT AREAS:
PUBLIC RELATIONS
REMARKS AND ABSTRACT:
COST: 8.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES:
COPYRIGHT:
DATE: 71-00
WATER QUALITY
ENVIRONMENTAL CONTROL
PUBLIC PARTICIPATION
16MM, 25 MIN., COLOR
A PUBLIC SERVICE FILM FOR USE IN COMMUNITIES WHERE PUBLIC EDUCATION CAMPAIGNS ARE NEEDED TO HELP SELL WATER POLLUTION CONTROL FACILITIES. THE STRUGGLE AND METHODS USED TO GAIN CITIZEN SUPPORT FOR THE PROPOSED BOND ISSUE ARE REVIEWED IN SOME DETAIL. THE RESULT, A CLEAN RIVER THAT AGAIN SUPPORTS RECREATION AND INDUSTRIAL USES, IS PLEASINGLY ILLUSTRATED.

EPAW00179
MAN AND HIS NATURAL ENVIRONMENT THE CREEK
AUTHOR(S): THEODORE HAMM CO
SOURCE(S): FILM CO
SUBJECT AREAS:
PUBLIC PARTICIPATION
REMARKS AND ABSTRACT:
COST: 15.00 R
TYPE(S): MP
LEVEL: 0
CATEGORIES: E
COPYRIGHT: C
DATE: 71-00
WATER QUALITY
STREAMS
ENVIRONMENTAL CONTROL
16 MM FILM, 26 MIN., COLOR; PURCHASE PRICE $200.00.
"THE CREEK" SHOWS THE PYSICAL STRUCTURE AND THE LIFE FORMS OF THE COMPLEX CREEK COMMUNITY, AND DEPICTS THE SOCIAL ACTION INVOLVED IN A COMMUNITY WORKING TOGETHER TO PRESERVE AND RECLAIM ITS CREEKS. THE FIRST PORTION EXAMINES THE HEALTHY LIVING CREEK; THE SECOND PORTION EXAMINES THE CARELESS USE AND WANTON DESTRUCTION OF THE CREEK AND ITS ENVIRONMENT; THE FINAL PORTION DEALS WITH CORRECTIVE MEASURES TO BE TAKEN TO RECLAIM THOSE CREEKS WHICH ARE PRESENTLY IN POOR CONDITION.

EPAW00182
LAKES AGING AND POLLUTION
AUTHOR(S): CENTRON
SOURCE(S): CENTRON
SUBJECT AREAS:
LAKES
REMARKS AND ABSTRACT:
COST: 215.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: E T
COPYRIGHT: C
DATE: 71-02
LIMNOLOGY
16MM FILM, 15 MIN., COLOR.

EPAW00183

WHO KILLED LAKE ERIE
AUTHOR(S): NBC
SOURCE(S): FILMS INC — COST: 25.00 R — TYPE(S): MP — LEVEL: 1 — CATEGORIES: E — COPYRIGHT: — DATE: 76-99
SUBJECT AREAS:
GREAT LAKES — ENVIRONMENTAL EFFECTS — LAKES
REMARKS AND ABSTRACT:
16MM, 51 MIN., COLOR.
GENERAL INTRODUCTION TO LAKE ERIE'S PROBLEMS.

EPAW00184

HOW TO MAKE A DIRTY RIVER
AUTHOR(S): NBC
SOURCE(S): FILMS INC — COST: 15.00 R — TYPE(S): MP — LEVEL: 1 — CATEGORIES: E — COPYRIGHT: — DATE: 76-99
SUBJECT AREAS:
WATER QUALITY
REMARKS AND ABSTRACT:
16MM, 27 MIN., COLOR.
GENERAL INTRODUCTION TO WATER POLLUTION.

EPAW00185

ANAEROBIC DIGESTION AND ANALYTICAL CONTROL
AUTHOR(S): EPA
SOURCE(S): EPA2 — COST: 0.00 R — TYPE(S): PM SL AC — LEVEL: 3 — CATEGORIES: O S — COPYRIGHT: — DATE: 72-00
SUBJECT AREAS:
ANAEROBIC DIGESTION — BACTERIA — VOLATILE ACIDS — ORGANIC NITROGEN
ALKALINITY — PH — GASES
REMARKS AND ABSTRACT:
UNIT: XT-34, 13 MIN TAPE, 62 SL, SCRIPT.
DISCUSSION OF THE ANAEROBIC DECOMPOSITION PROCESSES UTILIZED TO TREAT ORGANIC MATERIALS IN WASTES, THE ENVIRONMENTAL CONDITIONS REQUIRED FOR THE INVOLVED BACTERIA, AND A DESCRIPTION OF THE RELATED PROCESS CONTROL ANALYSES: VOLATILE ACIDS (STEPWISE PROCEDURE GIVEN), ALKALINITY, TOTAL ORGANIC NITROGEN CONTENT, TOTAL ORGANIC LOAD, PH AND GAS PRODUCTION.

EPAW00186

GOOD RIDDANCE (CUT OF PRINT)
AUTHOR(S): ORSANCO
SOURCE(S): FINLEY — COST: 0.00 — TYPE(S): MP — LEVEL: — CATEGORIES: — COPYRIGHT: — DATE: 76-99
SUBJECT AREAS:

REMARKS AND ABSTRACT:
16MM,25 MIN., COLOR

EPAW00187

DEVELOPMENT OF A WATER QUALITY MANAGEMENT PROGRAM FOR DELAWARE RIVER BASIN — DATE: 63-07

AUTHOR(S): CLEARY E J; BANKS H O
SOURCE(S): DRBC
COST: 0.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: L M P
COPYRIGHT:

SUBJECT AREAS:
ADMINISTRATIVE AGENCIES; DATA EVALUATION; DECISION MAKING; ENVIRONMENTAL CONTROL
LAWS AND REGULATIONS; PLANNING; MONITORING

REMARKS AND ABSTRACT:
AUTH: KNEESE, AV
A WATER QUALITY MANAGEMENT PROGRAM WAS RECOMMENDED FOR IMPLEMENTATION BY THE DELAWARE RIVER BASIN COMMISION ENCOMPASSING DATA COLLECTION AND ANALYSES, RESEARCH AND INVESTIGATIONS, ACTIVE PARTICIPATION IN THE DELAWARE ESTUARY COMPREHENSIVE STUDY, CONTINUITY WITH THE INCODEL PROGRAM, MONITORING OF COMPLIANCE WITH COMMISSION STANDARDS, ESTABLISHMENT OF A WATER QUALITY EMERGENCY WARNING SYSTEM, AND PERIODIC AERIAL AND BOAT SURVEILLANCE.

EPAW00188

INDUSTRIAL WASTEWATER MANAGEMENT AND POLICY SEMINAR — DATE: 69-05

AUTHOR(S): GROSS S P; PORGES R
SOURCE(S): DRBC
COST: 2.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: E L P
COPYRIGHT:

SUBJECT AREAS:
ADMINISTRATIVE AGENCIES; BIOCHEMICAL OXYGEN DEMAND; ESTUARIES; EMERGENCY RESPONSE PROGRAMS
INDUSTRIAL WASTES; LAWS AND REGULATIONS; WASTEWATER TREATMENT; ENVIRONMENTAL CONTROL
RIVERS; REGIONALIZATION

REMARKS AND ABSTRACT:
AUTH: BRIGANTI T, POLLISON D, O'CONNOR D, LUDZACK F, BRYSONJ, LYON W, WEBBER P, VASUKI N, SEGESSER E, GGEISMAR E, SELZER
PROCEEDINGS OF A ONE-DAY SEMINAR TO ASSIST INDUSTRIAL MANAGERS IN SELECTING APPROACHES TO LIQUID WASTE MANAGEMENT AND DIRECTING THEIR IMPLEMENTATION WITH SPECIAL EMPHASIS ON REQUIREMENTS IN THE DELAWARE RIVER BASIN AND ESTUARY. PRESENTATIONS ENCOMPASSED POLLUTION IMPACT, OXYGEN DEMAND, STANDARDS, ALLOCATIONS, WASTEWATER MANAGEMENT METHODS, POLLUTION INCIDENT PREVENTION, REGIONALIZATION, AND STATE, FEDERAL, AND INTERSTATE REGULATORY FRAMEWORK.

EPAWC0189

PROGRAM FOR THE INVESTIGATION AND MANAGEMENT OF GROUND WATER IN THE DELAWARE RIVER BASIN — DATE: 70-05

AUTHOR(S): BARKSDALE H C
SOURCE(S): DRBC
COST: 2.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M P
COPYRIGHT:

SUBJECT AREAS:
GROUNDWATER; AQUIFERS; MONITORING; WATER WELLS

REMARKS AND ABSTRACT:
A PROGRAM IS SET FOR THE COLLECTION OF NEEDED ADDITIONAL GROUND-WATER INFORMATION IN THE DELAWARE RIVER BASIN. PROPOSED PROJECTS ENCOMPASS QUANTITATIVE AND ECONOMIC STUDIES OF MAJOR AQUIFERS, IMPROVED MONITORING NETWORKS FOR WATER LEVELS, WATER USE, AND WATER QUALITY, AND INVENTORIES OF SOURCES OF CONTAMINATION.

EPAW00190

ALLOCATION OF STREAM CAPACITY FOR ACCEPTANCE OF WASTE DISCHARGES — DATE: 71-07

AUTHOR(S): PORGES R; GROSS S P
SOURCE(S): DRBC
COST: 0.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L P
COPYRIGHT:

SUBJECT AREAS:
STREAMS; BIOCHEMICAL OXYGEN DEMAND; ASSIMILATIVE CAPACITY; DISSOLVED OXYGEN
EFFLUENTS; ESTUARIES; LAWS AND REGULATIONS; ENVIRONMENTAL CONTROL
ADMINISTRATIVE AGENCIES

REMARKS AND ABSTRACT:
AUTH: POLLISON D P; REPT. NO.: STAFF PAPER 111
THE PRINCIPLES AND POLICIES GOVERNING WASTE LOAD ALLOCATIONS BY THE DELAWARE RIVER BASIN COMMISSION ARE PRESENTED. WHEN MINIMUM EFFLUENT REQUIREMENTS, INCLUDING 85 PER CENT BOD REDUCTION, ARE NOT SUFFICIENT TO PROTECT WATER USES OR MEE WATER QUALITY CRITERIA OF COMMISSION STANDARDS, THE COMMISSION MAY ALLOCATE THE CAPACITY OF THE RECEIVING WATERS TO ASSIMILATIVE WASTE DISCHARGES. ALLOCATIONS ARE CURRENTLY IN EFFECT LIMITING THE CARBONACEOUS OR FIRST STAGE OXYGEN DEMA (FSCO) OF DISCHARGES TO THE DELAWARE ESTUARY.

EPAW00191
MUD
AUTHOR(S): FINLEY
SOURCE(S): FINLEY
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
WATER QUALITY
COST: 22.50 R
URBAN IMPACT
TYPE(S): MP
LEVEL: 2
SEDIMENTATION
CATEGORIES: E O P T
COPYRIGHT: C
EROSION
DATE: 68-00
REMARKS AND ABSTRACT:
16MM, 23 MIN., COLOR; PURCHASE PRICE: $225.00
ILLUSTRATING METHODS OF PREVENTING URBAN EROSION AND SEDIMENTATION.

EPAW00192
SPRAY IRRIGATION OF WASTE EFFLUENT AND STATE WATER POLLUTION CONTROL REPORTS
AUTHOR(S): MD ICPRB
SOURCE(S): MD ICPRB
SUBJECT AREAS:
SPRAY IRRIGATION
COST: 0.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P
COPYRIGHT:
DATE: 71-00
REMARKS AND ABSTRACT:
20 PAGES
PROCEEDINGS OF THE ANNUAL FALL MEETING HELD SEPTEMBER 23-24, 1971 IN CHAMBERSBURG, PA BY ICPRB.

EPAW00193
POTOMAC RIVER SANITATION COMPACT
AUTHOR(S): MD ICPRB
SOURCE(S): MD ICPRB
SUBJECT AREAS:
ADMINISTRATIVE AGENCIES
REGIONALIZATION
COST: 0.00 P
ADMINISTRATIVE AGENCIES
TYPE(S): PM
LEVEL: 3
POTOMAC
CATEGORIES: P
COPYRIGHT:
AGREEMENTS AND CONTRACTS
DATE: 70-09
REMARKS AND ABSTRACT:
9 PAGES
COMPACT CREATING THE POTOMAC VALLEY CONSERVANCY DISTRICT AND THE INTERSTATE COMMISSION ON THE POTOMAC RIVER BASIN.
ARTICLES OF ORGANIZATION OF THE ICPRB INCLUDED.

EPAW00194
WATER RESOURCES MANAGEMENT IN THE UPPER POTOMAC BASIN
AUTHOR(S): MD ICPRB
SOURCE(S): MD ICPRB
SUBJECT AREAS:
CONSERVATION
PLANNING
COST: 0.00 P
POTOMAC
TYPE(S): PM
LEVEL: 3
WATER QUALITY
CATEGORIES: P
COPYRIGHT:
WATER RESOURCES
DATE: 70-00
REMARKS AND ABSTRACT:
130 PAGES
REPORT OF ANNUAL FALL PUBLIC MEETING HELD NOV 5-6, 1970 IN HARRISONBURG, VA. BY ICPRB.

EPAW00195
STATEMENT OF COMMISSION OBJECTIVES AND GOALS DATE: 71-03
AUTHOR(S): MD ICPRB TYPE(S): PM CATEGORIES: P
SOURCE(S): MD ICPRB COST: 0.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
REGIONALIZATION OBJECTIVES AND GOALS POTOMAC ADMINISTRATIVE AGENCIES
REMARKS AND ABSTRACT:
7 PAGES
OUTDATED.

EPAW00196
BEARINGS ANTI FRICTION DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 16.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
BEARINGS PREVENTIVE MAINTENANCE
REMARKS AND ABSTRACT:
NO. 07; AVERAGE INSTRUCTION TIME: 10 HRS.
IDENTIFICATION AND CARE OF ANTI-FRICTION BEARINGS; CYLINDRICAL, SPHERICAL, AND TAPERED ROLLER BEARINGS; BALL AND NEEDLE BEARINGS; AND RADIAL AND THRUST TYPE BEARINGS. HIGHLIGHTS OF THE COURSE INCLUDE: CARE IN CLEANING AND HANDLING; LOAD CAPACITY; INSTALLATION AND REMOVAL PROCEDURES; AND TOLERANCE, CLEARANCE, AND FITS FOR ANTI-FRICTION BEARINGS.

EPAW00197
BEARINGS PLAIN DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O O
SOURCE(S): DUPONT COST: 13.25 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
BEARINGS
REMARKS AND ABSTRACT:
NO. 06; 8 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION AND USE OF BUSHINGS, SLEEVE BEARINGS, AND THRUST BEARINGS. HIGHLIGHTS INCLUDE: FUNCTIONS OF A BEARING; MATERIALS OF CONSTRUCTION; INSERTS; BUSHINGS; CONCEPT OF THRUST; OPERATION OF THRUST BEARINGS, BEARING SURFACES; INSTALLATION OF BUSHINGS, INSERTS; ELEMENTS OF SLEEVE BEARINGS; BEARING TOLERANCE, CLEARANCE; SERVICE REQUIREMENTS; SYMPTOMS, CAUSES, AND TYPES OF PLAIN BEARING FAILURES.

EPAW00198
BOILER OPERATION MONITORING BOILER CONDITIONS DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 10.75 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
GAS POWER EQUIPMENT (PLANT) EMERGENCY OPERATIONS (WATER) NORMAL OPERATIONS (WATER)
REMARKS AND ABSTRACT:
NO. 96; 6 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF NORMAL FURNACE AND BOILER CONDITIONS BY OBSERVATION OF FLAME APPEARANCE AND INSTRUMENTS. HIGHLIGHTS OF THE COURSE INCLUDE; DETERMINATION OF NORMAL AND ABNORMAL EXCESS AIR BY APPEARANCE OF FLAME AND BY OBSERVATION OF O2, CO2 METERS OR STEAM FLOW-AIR FLOW METER; AND VARIATIONS, IF ANY, OF BOILER CONDITIONS WITH LOAD CHANGES SUCH AS; BOILER EXIT GAS TEMPERATURE, FEEDWATER FLOW, FEEDWATER TEMPERATURE, CO2, AND O2, STEAM FLOW-AIR FLOW, FURNACE DRAFT, BOILER OUTLET DRAFT, AND WINDBOX OR UNDERGRATE AIR PRESSURE, BOILER WATER LEVEL, ETC.

EPAW00199

BOILER OPERATION BOILER EFFICIENCY — DATE: 76-99
AUTHOR(S): DUPONT — TYPE(S): PM — CATEGORIES: O
SOURCE(S): DUPONT — COST: 11.75 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
GAS POWER — EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
NO. 108; 7 HRS. AVERAGE INSTRUCTION TIME.
BOILER, WATER COLUMN, AND GAGE GLASS BLOWDOWN, SOOT BLOWING AND ASH REMOVAL, FEEDWATER CONTROL AND OPERATOR CONTROL OF BOILER EFFICIENCY. INCLUDES: IDENTIFICATION OF PARTS, AND PROCEDURE AND REASONS FOR WATER COLUMN AND GAGE GLASS BLOWDOWN, MUD DRUM AND WATER WALL INTERMITTENT BLOWDOWN, SOOT BLOWING, AND ASH REMOVAL; THE 1-2-3 3-ELEMENT CONTROL SYSTEMS AND THE RELATIVE DIFFERENCES AMONG THEM; AND THE MEANING OF BOILER EFFICIENCY FROM AN OPERATOR'S VIEWPOINT, AND RECOGNITION OF OPTIMUM BOILER EFFICIENCY BY OBSERVATION OF FURNACE CONDITIONS AND STEAM GENERATOR INSTRUMENTS.

EPAW0020C

BOILER OPERATION START UP PROCEDURE — DATE: 76-99
AUTHOR(S): DUPONT — TYPE(S): PM — CATEGORIES: O
SOURCE(S): DUPONT — COST: 20.25 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
GAS POWER — STARTUP — EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
NO. 128; 13 HRS. AVERAGE INSTRUCTION TIME.
GENERAL PROCEDURES FOR PUTTING A BOILER ON THE LINE AND PROCEDURS FOR COMPLETE START-UP OF A BOILER. INCLUDES: THE GENERAL PROCEDURES INVOLVED IN BOILER LOAD INCREASE; PUTTING A BOILER ON THE LINE; ALLOWABLE WARM-UP RATE; BOILER START-UP; FILLING A BOILER WITH WATER; ESTABLISHING A MINIMUM STABLE FLAME; AND IDENTIFICATION OF PARTS SUCH AS PILOT BURNER, MANHOLES AND HANDHOLES, ETC.

EPAW00201

BOILER OPERATION SHUT DOWN PROCEDURE — DATE: 76-99
AUTHOR(S): DUPONT — TYPE(S): PM — CATEGORIES: O
SOURCE(S): DUPONT — COST: 11.75 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (PLANT) — GAS POWER — SHUTDOWN
REMARKS AND ABSTRACT:
NO. 121; 6 1/2 HRS. AVERAGE INSTRUCTION TIME.
GENERAL PROCEDURES FOR TAKING A BOILER OFF THE LINE AND PROCEDURES FOR COMPLETE SHUTDOWN OF A BOILER. INCLUDES: THE GENERAL PROCEDURES INVOLVED IN BOILER LOAD REDUCTION; TAKING A BOILER OFF THE LINE; ALLOWABLE COOLING RATE; BOILER SHUTDOWN AND DRAINING OF BOILER; EFFECT OF COOLING RATE ON BOILER WATER LEVEL; AND IDENTIFICATION OF BOILER PARTS SUCH AS CHEMICAL FEED VALVE, DRUM VENT VALVE, ETC.

EPAW00202

CHAINS AND SPROCKETS ROLLER CHAINS — DATE: 76-99
AUTHOR(S): DUPONT — TYPE(S): PM — CATEGORIES: O O
SOURCE(S): DUPONT — COST: 11.75 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
NO. 55; 7 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF ROLLER CHAINS, PARTS OF CHAINS, AND TYPES OF LINKS, INCLUDING PIN LINKS, ROLLER LINKS, CONNECTING LINKS, AND OFFSET LINKS; PRESS FITS AND SLIP FITS IN CHAINS; HOW TO FIND AND IDENTIFY "PITCH" OF ROLLER CHAINS; STANDARD AND ASA ROLLER CHAINS; HOW TO IDENTIFY A CHAIN BY IT ASA NUMBER, INCLUDING LIGHT, NORMAL, AND HEAVY-DUTY ROLLER CHAINS, STRANDS OF CHAIN, DOUBLE-PITCH CHAIN, AND ROLLERLESS CHAINS; USE OF CATALOGS OF ROLLER CHAINS AND HOW TO DETERMINE LENGTH AND THE NUMBER OF "PITCHES" IN A PIECE OF CHAIN; HOW TO USE ROLLER CHAIN PITCH CONVERSION CHARTS

EPAW00203

CHAINS AND SPROCKETS SPROCKETS AND DRIVES
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS: COST: 18.75 P TYPE(S): PM LEVEL: 2 CATEGORIES: O COPYRIGHT: DATE: 76-99
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
NO. 112; 12 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF ROLLER CHAIN SPROCKETS; DIMENSIONS AND MEASUREMENT; STYLES AND STRANDS OF SPROCKETS; SPLIT AND TAPER-LOCK SPROCKETS; PITCH AND PITCH DIAMETER OF SPROCKETS; BASIC RULES FOR MESHING; STANDARD AND ASA SPROCKETS; EXERCISES IN FINDING NUMBER OF TEETH AND SPEEDS OF DRIVE AND DRIVEN SPROCKETS BY USE OF SIMPLE FORMULAS.

EPAW00204

INORGANIC CHEMISTRY FOR PLANT OPERATORS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS: COST: 16.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: M COPYRIGHT: DATE: 76-99
CHEMISTRY
REMARKS AND ABSTRACT: PH
NO. 69; 10 HRS. AVERAGE INSTRUCTION TIME.
CHEMICAL ATTRACTION; VALENCE; RADICALS; SYNTHESIS OF A COMPOUND; DECOMPOSITION OF A COMPOUND; RELATIVE ACTIVITY OF ELEMENTS; FACTORS WHICH AFFECT SYNTHESIS; ACTION OF A CATALYST; TYPES OF MIXTURES; SOLUTIONS AND SOLVENTS; IDENTIFICATION OF ACIDS, BASES, AND SALTS; AND PH SCALE AND MEASUREMENT OF PH.

EPAW00205

PRINCIPLES OF COMBUSTION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS: COST: 21.50 TYPE(S): PM LEVEL: 2 CATEGORIES: O COPYRIGHT: DATE: 76-99
ENGINES
REMARKS AND ABSTRACT:
NO. 53; 14 HRS. AVERAGE INSTRUCTION TIME.
HIGHLIGHTS INCLUDE: THE CHEMICAL SYMBOLS FOR ELEMENTS AND COMPOUNDS ENCOUNTERED IN COMBUSTON; IGNITION TEMPERATURES; CHEMICAL FORMATION OF CO2, SO2, CO, AND H2O; PRODUCTS OF COMBUSTION; COMPLETE, INCOMPLETE, AND PERFECT COMBUSTION; EFFECT OF TIME, TEMPERATURE, AND TURBULENCE ON QUALITY OF COMUSTION; THE BTU; HEATING VALUE OF A FUEL; EFFECTS OF EXCESS AIR; AND COMBUSTION OF SOLID, LIQUID, AND GASEOUS FUELS.

EPAW00206

COMPRESSED AIR SYSTEMS FUNDAMENTALS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS: COST: 6.25 P TYPE(S): PM LEVEL: 2 CATEGORIES: O COPYRIGHT: DATE: 76-99
COMPRESSORS
REMARKS AND ABSTRACT: NORMAL OPERATIONS EQUIPMENT (PLANT)
NO. 129; 2 1/2 HRS. AVERAGE INSTRUCTION TIME.
HIGHLIGHTS INCLUDE: THE AIR MIXTURE OF NITROGEN, OXYGEN, AND WATER VAPOR; THE INTERRELATIONSHIP OF AIR PRESSURE, TEMPERATURE, VOLUME, WATER VAPOR, AND DEW POINT; USES OF COMPRESSED AIR, AND THE PURPOSES AND FLOW SEQUENCE OF THE FOLLOWING: FILTER, COMPRESSOR FIRST STAGE, INTERCOOLER, COMPRESSOR SECOND STAGE, AFTERCOOLER, AFTERCOOLER SEPARATOR, AFTER-AFTERCOOLER, AFTER-AFTERCOOLER SEPARATOR, RECEIVER, AND DRYER.

EPAW00207 DATE: 76-99

COMPRESSED AIR SYSTEMS CENTRIFUGAL COMPRESSORS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 9.25
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
COMPRESSORS
NORMAL OPERATIONS
EQUIPMENT (PLANT)
LUBRICATION
REMARKS AND ABSTRACT:
NO. 132; 5 HRS. AVERAGE INSTRUCTION TIME.
HIGHLIGHTS INCLUDE: BASIC TYPES OF ROTARY COMPRESSORS: POSITIVE DISPLACEMENT AND VELOCITY HEAD; PURPOSE OF AND FLOW THROUGH THE PRINCIPLE CENTRIFUGAL COMPRESSOR PARTS; IMPELLER, DIFFUSER, AND VOLUTE; MULTISTAGE CENTRIFUGAL COMPRESSOR OPERATION AT BOTH CONSTANT AND VARIABLE SPEEDS; THE CAUSE AND CORRECTION FOR THE OPERATING CONDITION OF SURGE; CONTROL SYSTEMS TO PROVIDE COMPRESSOR LOAD CONTROL AND SURGE CONTROL BY: VARIABLE DISCHARGE VENTING, VARIABLE DISCHARGE VENTING WITH VARIABLE INLET THROTTLING, FULE INLET THROTTLING, AND FULL DISCHARGE VENTING; START-UP AND SHUTDOWN PROCEDURE.

EPAW00208 DATE: 76-99

COMPRESSED AIR SYSTEMS RECIPROCATING COMPRESSORS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 9.25
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
COMPRESSORS
NORMAL OPERATIONS
EQUIPMENT (PLANT)
LUBRICATION
REMARKS AND ABSTRACT:
NO. 133; 5 HRS. AVERAGE INSTRUCTION TIME.
HIGHLIGHTS INCLUDE: IDENTIFICATION AND OPERATING SEQUENCE OF THE BASIC PARTS OF A RECIPROCATING COMPRESSOR; NAME, PURPOSE, AND AIR FLOW IN EACH PIECE OF EQUIPMENT OF A RECIPROCATING COMPRESSOR SYSTEM; LUBRICATED AND NONLUBRICATED COMPRESSORS; DRAIN TRAPS; REGULATION OF COMPRESSOR CAPACITY BY INLET VALVE LIFTERS AND CYLINDER CLEARANCE POCKETS; COMPRESSOR START-UP PROCEDURE; OPERATING OBSERVATIONS; AND COMPRESSOR SHUTDOWN PROCEDURE.

EPAW00209 DATE: 76-99

COUPLING ALIGNMENT SHAFTS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 21.50
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
NO. 28; 14 HRS. AVERAGE INSTRUCTION TIME.
HIGHLIGHTS INCLUDE: FUNCTIONS OF A SHAFT COUPLING; TAPERED AND CYLINDRICAL BORE; FITS; PRECISION MEASUREMENT OF DIAMETER AND BORE; FITTING KEYS; THE ARBOR PRESS; INSTALLING A COUPLING HALF; TYPES OF MISALIGNMENT; ALIGNMENT; SHIMMING; END PLAY; AND ALIGNMENT CHECK.

EPAW00210 DATE: 76-99

DRAWINGS READING ENGINEERING DRAWINGS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 18.75
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
DRAFTING
REMARKS AND ABSTRACT:
NO. 109; 12 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: TWO AND THREE-VIEW DRAWINGS; ASSEMBLY DRAWINGS, AS WELL AS DETAIL DRAWING; THREADED AND NON-THREADED FASTENERS; DIMENSIONS AND TOLERANCES; SYMBOLS FOR PIPE, VALVES, AND FITTINGS; AND ARRANGEMENT AND DIMENSIONS FOR PIPING LAYOUT.

EPAW00211

DRILLS SELECTION CHECKING AND INSPECTIONS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (SHOP)
COST: 9.25
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 16; 4 1/2 HRS. AVERAGE INSTRUCTION TIME.
TRAINEE IS TAUGHT THE METHODS USED TO SPECIFY DRILL SIZES; HOW TO USE STANDARD DRILL SIZE TABLES; HOW TO CHECK DRILL SIZES BY USING DRILL GAUGES; HOW TO INSPECT A DRILL POINT FOR LIP CLEARANCE, EQUAL LIP ANGLES AND EQUAL LIP LENGTHS, AND OVERSIZE AND BELLMOUTH HOLES; AND HOW TO USE THE DRILL POINT GAUGE TO CHECK LIP ANGLES AND MEASURE LIP LENGTH.

EPAW00212

ELECTRICITY CONTROL OF STATIC ELECTRICITY
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ELECTRIC POWER
FIRES
SAFETY (ELECTRICAL)
COST: 7.25
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 96; 4 HRS. AVERAGE INSTRUCTION TIME.
HIGHLIGHTS INCLUDE: THE ROLE OF STATIC SPARKS, FLAMMABLE VAPOR OR DUST AND AIR IN THE RING OF FIRE; HOW STATIC SPARKS CAN BE PRODUCED; PREVENTING FIRES OR EXPLOSIONS AS PART OF THE JOB. WHY GROUND WIRES PREVENT SPARKS AND HOW TO BE SURE THEY DO; WHEN GROUND WIRES ARE REQUIRED; A GENERAL RULE FOR GROUNDING WHEN TRANSFERRING FLAMMABLE MATERIALS; AVOIDING SPLASH AND SPRAY. USE OF NEUTRALIZERS WHEN GROUNDS WON'T WORK. NEUTRALIZERS ARE NON-CONTRACTING AND PROTECT ONLY A SMA AREA. LOCATION, DISTANCE FROM SOURCE AND INSPECTION HINTS.

EPAW00213

READING ELECTRICAL SCHEMATIC DIAGRAMS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ELECTRIC POWER
MANUALS
EQUIPMENT (PLANT)
COST: 11.75
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 127; 7 HRS. AVERAGE INSTRUCTION TIME.
COVERS 66 COMMONLY USED U.S.A. STANDARD ELECTRICAL SCHEMATIC SYMBOLS. INCLUDES: JUNCTIONS, BATTERIES, LIGHT FIXTURES, RESISTORS, CAPACITORS, TRANSFORMERS, RECTIFIERS, SWITCHES, PUSH-BUTTON SWITCHES, CONTROL SWITCHES, CONTACTORS, RELAYS, OVERLOAD PROTECTIVE DEVICES, DISCONNECTING DEVICES, AC AND DC MACHINES, AND FIELDS.

EPAW00214

FILTRATION PLATE AND FRAME FILTER PRESSES
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
FILTRATION
COST: 20.25
TYPE(S): PM
LEVEL: 2
CATEGORIES: O O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 50; 13 1/2 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: THE DESIGN OF PLATES AND FRAMES AND FLOW OF MATERIALS THROUGH THEM; THE EFFECT OF FILTER CAKE BUILDUP ON THE PRESSURE AND FLOW RATES; FILTER CAKE REMOVAL; VARIOUS WASHING PROCEDURES WITH FLOWS OF EACH; THE PURPOSES AND EFFECTS OF FILTER AIDS AND HOW THEY ARE APPLIED; FOUR COMMON FILTER AIDS; DIAGRAMS OF PLANT LAYOUTS FOR APPLICATION OF FILTER AIDS; LIMITATIONS OF FILTER AID USE; AND THE USE OF FILTRATION TO RECOVER VALUABLE SOLIDS, LIQUIDS, OR BOTH.

DATE: 63-00

EPAW00215
FLOW MEASUREMENT BASIC PRINCIPLES
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 13.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
FLOW MEASUREMENT
REMARKS AND ABSTRACT:
NO. 37, APPROX. 175 PP.; 8 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: CONCEPT OF "RATE OF FLOW"; UNITS OF MEASUREMENT OF RATE OF FLOW AND THEIR CONVERSION; BASIC PRINCIPLES OF STATIC PRESSURE AND DIFFERENTIAL PRESSURE VARIATIONS WITH RELATION TO FLOW VARIATIONS; EFFECTS OF PRESSURE TEMPERATURE AND DENSITY AND D/P FLOW MEASUREMENTS; AND LINEAR AND SQUARE ROOT SCALES.

DATE: 76-99

EPAW00216
FLOW MEASUREMENT PRIMARY ELEMENTS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 6.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
FLOW MEASUREMENT
REMARKS AND ABSTRACT:
NO. 72; 3HRS. AVERAGE INSTRUCTION TIME.
ORIFICE PLATES, ORIFICE RUNS, VENTURI TUBES, FLOW NOZZLES, AND PITOT TUBES.

DATE: 76-99

EPAW00217
FLOW MEASUREMENT MEASURING ELEMENTS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 6.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
FLOW MEASUREMENT
REMARKS AND ABSTRACT:
NO. 92; 3 HRS. AVERAGE INSTRUCTION TIME.
USE OF MANOMETERS AND OTHER MEASURING ELEMENTS (D/P CELLS) TO MEASURE FLOW RATES BASED ON DIFFERENTIAL PRESSURE FROM PRIMARY DETECTING ELEMENTS. THE TRAINEE BECOMES FAMILIAR WITH MEASURING ELEMENTS, THEIR CLASSIFICATION, PURPOSE, AND BASIC PRINCIPLES OF OPERATION. SIXTY PERCENT OF THE COURSE IS USED TO DISCUSS U-TUBE AND WELL-TYPE MANOMETERS.

DATE: 76-99

EPAW00218
FLOW MEASUREMENT INTEGRATION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
FLOW MEASUREMENT
REMARKS AND ABSTRACT:
NO. 93; 2 HRS. AVERAGE INSTRUCTION TIME.
READING OF CIRCULAR CHARTS AND INTEGRATORS; CHART AND INTEGRATOR FACTORS; PLANIMETERS; TYPES OF AUTOMATIC INTEGRATORS; AND INTEGRATOR LIMITATIONS.

EPAW00219

GEARS AND GEARING SPUR GEARS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (PLANT)
COST: 13.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 26; 8 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF SPUR GEARS AND THEIR PARTS; HOW TO MEASURE THE COMMONLY USED DIMENSIONS ON SPUR GEARS; USE OF PITCH GAUGES; CALCULATION OF PITCH DIAMETER BY FORMULA; USE OF TABLES OF STANDARD KEYWAYS AND SET SCREWS; HOW TO SELECT A GEAR FROM GEAR TABLES AND CATALOGS; AND IDENTIFICATION OF PRESSURE ANGLE, STYLE, MATERIAL OF CONSTRUCTION, AND STOCK GEARS.

EPAW0022C

GEARS AND GEARING GEAR RATIOS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (PLANT)
COST: 17.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 51; 11 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF DRIVE AND DRIVEN GEARS AND SHAFTS; IDLER GEARS AND THEIR USES; DIRECTION OF ROTATION AND SPEED OF ROTATION; FORMULAS FOR GEAR RATIO AND SPEED RATIO; HOW TO DETERMINE RATIOS FOR SETS AND TRAINS OF GEARS; HOW TO CHANGE GEARS; IDENTIFICATION, USE, AND SELECTION OF PROPER SET; MULTIPLE REDUCTIONS; AND CALCULATION OF GEAR RATIOS, SPEED RATIOS, SPEEDS, AND NUMBER OF TEETH IN MULTIPLE GEARING.

EPAW00221

GEARS AND GEARING GEAR INSTALLATION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (PLANT)
COST: 14.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 66; 9 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF PITCH POINT, CENTER DISTANCE, CLEARANCE, AND BACKLASH; HOW TO MEASURE CLEARANCE AND BACKLASH BY MEANS OF GAUGES; GEAR ALIGNMENT AND CORRECTING ALIGNMENT OF SPUR GEARS; IDENTIFICATION OF MISALIGNMENT IN GEARS; HANDLING AND STORING OF GEARS; TOLERANCES IN GEAR DIMENSIONS; BASIC SIX-STEP PROCEDURE TO FOLLOW WHEN INSTALLING A SET OF GEARS, INCLUDING CLEANING, CHECKING DIMENSIONS, FASTENING TO SHAFT, ALIGNMENT, LUBRICATION, AND CHECKING ACTUAL OPERATION; PROCEDURE FOR REMOVAL OF GEARS; AND SAFETY RULES TO FOLLOW WHEN WORKING WITH GEARS AND/OR SHAFTS.

EPAW00222

GEARS AND GEARING HELICAL GEARS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (PLANT)
COST: 9.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 71; 4 1/2 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF HELICAL GEARS, THEIR DIMENSIONS AND MEASUREMENT PROCEDURES; HELIX ANGLE, AND SHAFT ANGLE, AND THE RELATIONSHIP BETWEEN THEM; HOW TO DETERMINE THE 'HAND' FO HELICAL GEARS; DIAMETRAL PITCH (DP), PITCH DIAMETER (PD), AND PRESSURE ANGLE AND THE USE OF FORMULAS FOR DP AND PD; DIFFERENCES BETWEEN HELICAL GEARS AND PARALLEL SHAFTS AND ON RIGHT ANGLE SHAFTS; IDLER HELICAL GEARS; HOW TO DETERMINE DIRECTION OF THE THRUST ON PARALLEL AND RIGHT ANGLE SHAFTS; DOUBLE HELICAL (OR HERRINGBONE) GEARS AND HOW THEY ARE DIFFERENT FROM STRAIGHT HELICAL GEARS.

EPAW00223

GEARS AND GEARING BEVEL GEARS — DATE: 76-99
AUTHOR(S): DUPONT — TYPE(S): PM — CATEGORIES: O
SOURCE(S): DUPONT — COST: 11.75 P — LEVEL: 1 — COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
NO. 76; 6 1/2 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF BEVEL GEARS, THEIR DIMENSIONS AND HOW TO MEASURE THEM; SIMILARITIES AND DIFFERENCES AMONG SPUR, HELICAL AND BEVEL GEARS; DIAMETRAL PITCH AND PITCH DIAMETER OF BEVEL GEARS AND HOW TO FIND THEM BY FORMULA; PITCH LINE, APEX, PITCH ANGLE, PITCH CONE, AND SHAFT ANGLE OF BEVEL GEARS; RELATICNSHIP BETWEEN PITCH ANGLE AND SHAFT ANGLE; "MATING" PAIRS OF GEARS; MITER GEARS; SPIRAL BEVEL AND SPIRAL MITER GEARS; "MOUNTING" DISTANCE AND ALIGNMENT IN BEVEL TYPE GEARING.

EPAW00224

GEARS AND GEARING WORMS AND WORM GEARS — DATE: 76-99
AUTHOR(S): DUPONT — TYPE(S): PM — CATEGORIES: O
SOURCE(S): DUPONT — COST: 16.00 P — LEVEL: 1 — COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
NO. 98; 9 1/2 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF WORMS AND WORM GEARS, THEIR DIMENSIONS, AND HOW TO MEASURE THEM; "HAND" AND THREADS, AND HOW TC DETERMINE THEM; DIAMETRAL PITCH AND PITCH DIAMETER, AND USE OF FORMULAS TO DETERMINE THEM; LINEAR PITCH AND CIRCULAR PITCH; REQUIREMENTS FOR WORMS AND WORM GEARS TO MESH; PRESSURE ANGLE, HELIX ANGLE, AND "LEAD"; GEAR RATIOS AND SPEED RATIOS, AND USE OF STANDARD FORMULAS TO FIND THEM; DIRECTION OF ROTATION AND HOW TO DETERMINE IT; THRUST OF WORMS AND WORM GEARS AND HOW TO DETERMINE IT; AND CENTER DISTANCE, ALIGNMENT, AND CENTERING OF FACES.

EPAWC0225

GRAPHS READING AND PREPARING SIMPLE GRAPHS — DATE: 76-99
AUTHOR(S): DUPONT — TYPE(S): PM — CATEGORIES: M O
SOURCE(S): DUPONT — COST: 21.50 — LEVEL: 1 — COPYRIGHT:
SUBJECT AREAS:
GRAPHICAL METHODS
REMARKS AND ABSTRACT:
NO. 78; AVERAGE INSTRUCTION TIME: READING GRAPHS-6 HRS., PREPARING GRAPHS-14 HRS.
SECTION ON READING GRAPHS COVERS; IDENTIFYING BARS AND READING THEIR VALUE; RECOGNITION OF THE PARTS; INTERPOLATION OF VALUES BETWEEN SCALE DIVISIONS; SELECTION OF PROPER BAR GRAPH BAASED ON CONTENT; PREPARATION OF SIMPLE BAR GRAPHS IN BOTH VERTICAL AND HORIZONTAL POSITION. SECTION ON PREPARING GRAPHS COVERS: IDENTIFICATION OF SCALES ON LINE GRAPHS; POINT COORDINATES AND THE PROPER WAY TO WRITE THEM; THE CONCEPT OF POSITIVE AND NEGATIVE COORDINATES; EXTRAPOLATION OF SIMPLE CURVED GRAPHS; AND USE OF CURVE FAMILIES AND MULTISCALE GRAPHS.

EPAW00226
MODES OF INSTRUMENT CONTROL
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
INSTRUMENTATION (PLANT) AUTOMATIC CONTROL
COST: 17.25
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 103; 11 HRS. AVERAGE INSTRUCTION TIME.
ELEMENTS, SIGNALS AND TERMINOLOGY OF CERTAIN BASIC AUTOMATIC CONTROL SYSTEMS AS APPLIED IN DEMONSTRATIONS OF OPEN AND CLOSED LOOPS. THE MODES OF CONTROL DISCUSSED ARE: ON-OFF, PROPORTIONAL, PROPORTIONAL PLUS RESET, PROPORTIONAL PLUS DERIVATIVE, AND PROPORTIONAL PLUS RESET PLUS DERIVATIVE.

EPAW00227
INTERNAL COMBUSTION ENGINES
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ENGINES
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 120; 2 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: OPERATION OF THE FOUR-STROKE ENGINE AND THE TWO-STROKE ENGINE; THE INTAKE STROKE; THE COMPRESSION STOKE; THE POWER STROKE; THE EXHAUST STROKE; VALVES; CRANKSHAFT FLYWHEEL; AND ELEMENTARY CARBURETOR ACTION.

EPAW00228
KNOW YOUR MOTOR OIL
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
LUBRICATION
COST: 3.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 161; 3 HRS. AVERAGE INSTRUCTION TIME.
EMPHASIZES THE IMPORTANCE OF USING A PROPER VISCOSITY OIL. VISCOSITY AND SAE NUMBERS ARE GRAPHICALLY EXPLAINED AS WELL AS THE DIFFERENCE BETWEEN SINGLE AND MULTIGRADED OILS. STRESSES THE IMPORTANCE OF ADDITIVES TO INSURE PROPER LUBRICATION, COOLING, SEALING, AND PROTECTION IN AN AUTOMOBILE ENGINE AND TELLS THE NEED FOR REGULAR REPLACEMENT OF THE OIL FILTER ELEMENT AND FREQUENT OIL CHANGE. IT EXPLAINS THE API SERVICE CLASSIFICATIONS EMPHASIZING THAT AN MS OIL WITH TIS PROTECTIVE ADDITIVES IS THE ONLY TYPE RECOMMENDED FOR MODERN AUTO ENGINES.

EPAW00229
LEVEL MEASUREMENT DIFFERENTIAL PRESSURE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MEASUREMENT
COST: 6.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 35; 8 1/2 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: THE FUNDAMENTALS OF PRESSURE AS RELATED TO LIQUID COLUMNS AND ATMOSPHERIC PRESSURE; GAGE PRESSURE, SPECIFIC GRAVITY AND CONVERSION FROM ONE UNIT OF PRESSURE TO ANOTHER; U-TUBE AND WELL-TYPE MANOMETERS; INSTRUMENT MANIFOLD WITH PROPER VALVING PROCEDURES; MEASURING LIQUID LEVEL WITH A MANOMETER; SEAL FLUIDS AND BALANCING LEGS; MEASUREMENT IN A PRESSURIZED VESSEL; BELLOWS TYPE PRESSURE ELEMENTS; EFFECT OF GAS IN INSTRUMENT LIQUID LINES; FLAPPER-NOZZLE PNEUMATIC TRANSMITTER FUNDAMENTALS; BELL-END AND BUBBLER DIP-TUBE LEVEL DEVICE.

EPAW00230 DATE: 76-99
LEVEL MEASUREMENT BUOYANCY DISPLACERS
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 9.25 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
MEASUREMENT
REMARKS AND ABSTRACT:
NO. 34; 5 HRS. AVERAGE INSTRUCTION TIME.
CONCEPTS OF BUOYANT FORCE AND ITS EFFECT ON AN IMMERSED OBJECT; PRINCIPLES OF TUBULAR BUOYANCY DISPLACERS; PRINCIPLES OF SEALS AS APPLIED TO BUOYANCY DISPLACERS IN PRESSURIZED VESSELS; CONCEPTS OF LIQUID INTERFACE; GOOD INSTALLATION PRACTICE; ISOLATING THE BUOYANCY DISPLACER FROM TURBULENT LIQUID; SAFETY ASPECTS AND CONSIDERATIONS OF TEMPERATURE EFFECT ON BUOYANCY DISPLACERS.

EPAW00231 DATE: 76-99
LEVEL MEASUREMENT ELECTRICAL DEVICES
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 14.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
MEASUREMENT
REMARKS AND ABSTRACT:
NO. 36; 3 1/2 HRS. AVERAGE INSTRUCTION TIME.
SINGLE POINT LEVEL DEVICES SUCH AS BALL FLOATS, DIAPHRAGMS, AND ROTATING PADDLES THAT ACTUATE ELECTRICAL SWITCHES; CONTINUOUS LIQUID LEVEL MEASUREMENT WITH A FLOAT-ACTUATED CABLE ROTATING A MULTIPLE-TURN POTENTIOMETER; DONUT FLOAT CONTAINING MAGNETS ACTUATING FOLLOWER MAGNET ON CABLE; LEVEL DETECTION WITH CONDUCTIVITY ELECTRODES; AND LEVEL DETECTION WITH A VIBRATING PADDLE ACTUATED BY A SOLENOID.

EPAW00233 DATE: 76-99
LEVEL MEASUREMENT ELECTRONIC DEVICES
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 16.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
MEASUREMENT
REMARKS AND ABSTRACT:
NO. 94; 9 1/2 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES THE PRINCIPLES OF OPERATION, APPLICATIONS AND POINTS OF INTEREST IN THE MAINTENANCE OF LEVEL DEVICES; USING LIGHT SOURCE AND PHOTOTUBE; UTILIZING ULTRASONIC VIBRATIONAL WAVES; DETECTING LEVEL USING GAMMA RAY ABSORPTION; AND A CHANGE IN CPAACITANCE BETWEEN A PROBE AND A VESSEL CAUSED BY CHANGING THE DIELECTRIC CONSTANT.

EPAW00234 DATE: 76-99
MATERIAL HANDLING CHAIN HOISTS
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 5.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
MATERIAL HANDLING EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
NO. 80; 2 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF FOUR BASIC TYPES OF CHAIN HOISTS; IDENTIFICATION OF VARIOUS PARTS OF ALL HOISTS; RECOGNITION OF PROPER HOOK OPENING FOR VARIOUS SIZE HOISTS; INSPECTION OF HOISTS; STORAGE; PROPER HANGING OF A HOIST; AND PRECAUTIONS.

EPAW00235

MATERIAL HANDLING CRANE AND HOIST SIGNALS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MATERIAL HANDLING
REMARKS AND ABSTRACT:
COST: 3.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
SAFETY (MECHANICAL)
EQUIPMENT (PLANT)
NO. 22; 1 HR. AVERAGE INSTRUCTION TIME.
GIVING AND TAKING HAND SIGNALS FOR: RAISE THE LOAD, LOWER THE LOAD, STOP, RAISE THE BOOM, LOWER THE BOOM, DOG EVERYTHING, LOWER THE LOAD SLOWLY, RAISE THE LOAD SLOWLY, SWING THE LOAD, AND MOVE CRANE FORWARD OR BACK.

EPAW00236

MATERIAL HANDLING KNOTS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MATERIAL HANDLING
REMARKS AND ABSTRACT:
COST: 6.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
NO. 89; 3 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF THE PARTS OF A ROPE; IDENTIFICATION, USE AND TYING OF OVERHAND LOOP, OVERHAND KNOT, BOWLINE, SQUARE KNOT, GRANNY KNOT, THIEF KNOT, BOWLINE ON A POST, SHEET BEND, BOWLINE ON A BIGHT, TWO HALF HITCHES, REVERSE BENDS, AND HITCHES.

EPAW00237

MATERIAL HANDLING WIRE ROPE IDENTIFICATION AND FITTINGS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MATERIAL HANDLING
REMARKS AND ABSTRACT:
COST: 6.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
NO. 23; 3 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFYING THE MROE COMMONLY USED WIRE ROPE FITTINGS INCLUDING: THIMBLES, CLIPS, OPEN AND CLOSED SOCKETS, WEDGE-TYPE OPEN SOCKETS, ANCHOR SHACKLES, HOOKS, AND PEAR LINKS; FABRICATING AN EYE MADE WITH A THIMBLE AND CLIPS; PROPER ASSEMBLING OF WEDGE-TYPE SOCKET; AND IDENTIFYING THREE COMONLY USED LOOPS OR EYES.

EPAW00238

MATERIAL HANDLING WIRE ROPE SLINGS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MATERIAL HANDLING
REMARKS AND ABSTRACT:
COST: 5.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
NO. 81; 2 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF SLINGS USING ONE PIECE OF WIRE ROPE; IDENTIFICATION OF MULTI-LEG SLINGS; APPLICATION OF VARIOUS SLINGS AND HITCHES; SAFE WORKING LOADS OF SLINGS; AND 18 RULES FOR GUIDANCE IN THE USE OF WIRE ROPE SLINGS.

EPAW00239

MATHEMATICS PLANT WHOLE NUMBERS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ARITHMETIC
COST: 21.50
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 29; 14 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF WHOLE NUMBERS, SYMBOLS AND TERMS; THE PROCESSES OF ADDITION, SUBTRACTION, MULTIPLICATION AND DIVISION; ANSWER CHECKING METHODS FOR THESE PROCEDURES; BASIC RULES IN WORKING PROBLEMS INVOLVING SEQUENTIAL USE OF THESE FOUR ARITHMETIC PROCESSES; AND PRACTICAL WORK PROBLEMS IN THE FIELDS OF LABORATORY CONTROL, PRODUCTION AND MAINTENANCE.

EPAW00240

MATHEMATICS PLANT FRACTIONS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ARITHMETIC
COST: 27.75
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 30; 19 HRS. AVERAGE INSTRUCTION TIME.
FRACTION TERMINOLOGY AND THE MEANING OF FRACTIONS; THE CONVERSION OF FRACTIONS TO WHOLE OR MIXED NUMBERS AND VICE VERSA; THE MANIPULATION OF FRACTIONS IN THE SOLUTION OF PROBLEMS IN ADDITION, SUBTRACTION, MULTIPLICATION AND DIVISION; THE FOUR BASIC STEPS OF PROCEDURE IN SOLVING MATHEMATICAL PROBLEMS; AND PRACTICAL SEQUENTIAL PROBLEMS WITH FRACTIONS IN THE FIELDS OF LABORATORY CONTROL, PRODUCTION, AND MAINTENANCE.

EPAW00241

MATHEMATICS PLANT DECIMALS AND PERCENTS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ARITHMETIC
COST: 27.50
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 60; 25 HRS. AVERAGE INSTRUCTION TIME.
CONVERSION FROM ONE FORM OF NOTATION (FRACTION, DECIMAL, OR PERCENT) TO ANOTHER; ADDING, SUBTRACTING, MULTIPLYING, AND DIVIDING WITH DECIMALS; CONVERTING MEASUREMENT UNITS TO DECIMALS FO OTHER UNITS IN THE SAME SCALE; WORKING IN DECIMALS IN SOLVING MULTIPLICATION AND DIVISION PROBLEMS INVOLVING PERCENT; AND PRACTICAL SEQUENTIAL PROBLEMS IN THE FIELDS OF PRODUCTION, LABORATORY CONTROL, AND MAINTENANCE.

EPAW00242

MATHEMATICS PLANT POSITIVE AND NEGATIVE NUMBERS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ARITHMETIC
COST: 7.75
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 82; 4 HRS. AVERAGE INSTRUCTION TIME.
USING SIGNS TO DESIGNATE POSITIVE OR NEGATIVE QUALITIES; READING SCALE VALUES ABOVE AND BELOW ZERO; ADDING NEGATIVE NUMBERS, AND POSITIVE AND NEGATIVE NUMBERS; SUBTRACTING LARGE POSITIVE NUMBERS FROM SMALLER ONES; AND WORKING PROBLEMS THAT REQUIRE THE USE OF POSITIVE AND NEGATIVE NUMBERS.

EPAW00243

MATHEMATICS PLANT SIMPLE ALGEBRA
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MATHEMATICS ARITHMETIC
COST: 16.00
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 83; 10 HRS. AVERAGE INSTRUCTION TIME.
A REFRESHER COURSE ON THE SIMPLE ALGEBRA REQUIRED FOR DAY-TO-DAY OPERATIONS IN AN INDUSTRIAL ENVIRONMENT. INCLUDES: FORMING EQUATIONS USING SIMPLE NUMBERS; REARRANGING EQUATIONS SO THAT ONE SIDE EQUALS ZERO; UNKNOWNS; SETTING UP AND SOLVING EUATIONS WITH ONE UNKNOW; CHANGING MULTIPLIERS AND DIVISORS; CHECKING; AND SYMBOLS CTHER THAN X.

EPAW00244

MATHEMATICS PLANT RATIO AND PROPORTION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ARITHMETIC
COST: 16.00
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 84; 10 HRS. AVERAGE INSTRUCTION TIME.
A REFRESHER COURSE WHICH INCLUDES: EXPLANATION AND MEANS OF EXPRESSING RATIOS; REDUCING TO LOWER TERMS; FORMING A PROPORTION; MEANS AND EXTREMES; SOLVING FOR UNKNOWNS IN PROPORTIONS; CHECKING; PROPORTIONS USING VERBAL DESCRIPTIONS; AND ALTERNATE AND INDIRECT PROPORTIONS.

EPAW00245

MATHEMATICS PLANT AREA AND VOLUME OF COMMON FIGURES
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MATHEMATICS
COST: 9.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 73; AVERAGE INSTRUCTICN TIME 5 HRS.
INCLUDES THE RECOGNITION OF PLANE SURFACES AND THE USE OF FORMULAS FOR THE DETERMINATION OF AREA; THE BREAKDOWN OF IRREGULAR SURFACES INTO FAMILIAR SHAPES FOR AREA CALCULATION; THE CALCULATION OF THE VOLUMES OF FAMILIAR SHAPES; AND THE CONVERSION OF UNITS OF VOLUME MEASUREMENT.

EPAW00246

MATHEMATICS PLANT NUMERICAL PREFIX AND POWERS OF TEN
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ARITHMETIC
COST: 9.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 74; 5 HRS. AVERAGE INSTRUCTION TIME.
EXPLAINS PREFIX AND APPLICATION OF NUMERICAL PREFIX TO NUMERICAL UNITS. POWERS OF TEN ARE INTRODUCED AS AN AID TO MANIPULATING MULTIPLE ZERO NUMBERS. THE PROCESSES OF ADDING, SUBTRACTING, MULTIPLYING, DIVIDING, TAKING TO A POWER, AND FINDING A ROOT OF POWERS OF TEN BY EXPONENT MANIPULATION ARE TAUGHT.

EPAW00247

MATHEMATICS PLANT SQUARES AND SQUARE ROOT TABLES

AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 7.25 P
TYPE(S): PM
LEVEL: 1
DATE: 76-99
CATEGORIES: O M
COPYRIGHT:

SUBJECT AREAS:
ARITHMETIC

REMARKS AND ABSTRACT:
NO. 99; 4 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: DEFINITION OF SQUARE; USE OF SYMBOLS; SQUARES OF SIMPLE WHOLE NUMBERS; SHIFTING THE DECIMAL POINT TO EXTEND TABLE USE; INTERPOLATION FOR VALUES NOT TO BE FOUND DIRECTLY; AND HOW TO HANDLE FRACTIONS.

EPAW00248

MATHEMATICS PLANT RIGHT ANGLE TRIGONOMETRY

AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 13.25 P
TYPE(S): PM
LEVEL: 1
DATE: 76-99
CATEGORIES: O D
COPYRIGHT:

SUBJECT AREAS:
MATHEMATICS

REMARKS AND ABSTRACT:
NO. 114; 8 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: RECOGNITION OF A TRIANGLE; TRIANGLES; THE SQUARE OF THE HYPOTENUSE; SUM OF THE ANGLES; THE DEFINITION OF SIDE OPPOSITE AND SIDE ADJACENT TO AN ANGLE; DEFINITION AND USE OF SINE, COSINE AND TANGENT FUNCTIONS; AND HOW TO HANDLE ANY TRIANGLE USING RULES OF RIGHT ANGLE TRIGONOMETRY.

EPAW00249

MEASUREMENTS FOR INSTALLATION AND CONSTRUCTION

AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 16.00 P
TYPE(S): PM
LEVEL: 1
DATE: 76-99
CATEGORIES: O O
COPYRIGHT:

SUBJECT AREAS:
MEASUREMENT

REMARKS AND ABSTRACT:
NO. 03; 10 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: READING THE SCALE ON A STEEL RULE; READING THE SCALE ON A MICROMETER; READING THE SCALE ON A PROTRACTOR; SPECIFIC TECHNIQUES FOR CORRECT PLACEMENT AND USE OF THE MEASURING TOOLS; AND INSTRUCTION IN THE USE OF A MICROMETER WITH A RATCHET DRIVE.

EPAW00250

MEASURING TOOLS CALIPERS

AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 6.25 P
TYPE(S): PM
LEVEL: 1
DATE: 76-99
CATEGORIES: O
COPYRIGHT:

SUBJECT AREAS:
MEASUREMENT

REMARKS AND ABSTRACT:
NO. 04; 3 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: IDENTIFYING THE SIX COMMONLY USED CALIPERS; READING SCALES TO AN ACCURACY OF 1/64" OR 0.01"; AND IDENTIFYING THE PARTS AND USE OF: OUTSIDE FIRM JOINT CALIPERS, INSIDE FIRM JOINT CALIPERS, OUTSIDE LOCK JOINT CALIPERS, INSIDE LOCK JOINT CALIPERS, OUTSIDE BOW SPRING CALIPERS, AND INSIDE BOW SPRING CALIPERS.

EPAW00251 DATE: 76-99
MEASURING TOOLS VERNIERS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MEASUREMENT
COST: 3.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
NO. 05: 1 1/2 HRS. AVERAGE INSTRUCTION TIME.
READING VERNIERS ON VERNIER CALIPERS AND MICROMETERS.

EPAW00252 DATE: 76-99
MECHANICAL SEALS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
PUMPS
COST: 21.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
NO. 79: 14 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: BALANCED AND UNBALANCED SEALS; INSIDE, OUTSIDE, AND SLEEVE-MOUNTED SEALS; SEAL FLUSHING ARRANGEMENTS; KEY POINTS IN CARE AND MAINTENANCE; MATERIALS USED FOR VARIOUS PARTS; AND REQUIREMENTS AND TECHNIQUES INVOLVED IN MECHANICAL SEAL INSTALLATION.

EPAW00253 DATE: 76-99
MIXERS LIGHTNIN
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (CONSTRUCTION)
COST: 11.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O D
COPYRIGHT:
REMARKS AND ABSTRACT:
NO. 25: 7 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: IDENTIFYING "LIGHTNIN" PORTABLE TYPE MIXERS AND THEIR MAJOR PARTS; IDENTIFYING, MEASURING, AND SELECTING STANDARD PROPELLERS; PREPARING THE MIXER SHAFT AND INSTALLING THE PROPELLERS ON THE SHAFT; ADJUSTING THE MIXER POSITION; LIFTING AND HANDLING THE MIXER FOR INSTALLATION OR REMOVAL; IDENTIFYING DATA NEEDED FOR REPLACEMENT OF DEFECTIVE MOTOR AND MIXER; MANUAL FOR DISASSEMBLY, INSPECTION, REPAIR AND REASSEMBLY OF THE MIXER, AND IDENTIFYING THE SAFETY FACTORS IN PERFORMING THESE JOBS.

EPAW00254 DATE: 76-99
MIXING PRINCIPLES OF SELECTION OF PROPELLER SPEEDS (OUT OF PRINT)
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
REMARKS AND ABSTRACT:
NO. 56

EPAW00255
MIXING PRINCIPLES OF DETERMINING MIXING TIME (OUT OF PRINT)
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

REMARKS AND ABSTRACT:
NO. 101

EPAW00256
MIXING PRINCIPLES OF WRITING THE MIXING METHOD (OUT OF PRINT)
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
TECHNICAL WRITING
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

REMARKS AND ABSTRACT:
NO. 113

EPAW00257
PIPEFITTING PIPE AND FITTING IDENTIFICATION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
PIPES
COST: 21.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D D
COPYRIGHT:
DATE: 76-99

REMARKS AND ABSTRACT:
NO. 8; 14 HRS. AVERAGE INSTRUCTION TIME.
SECTION A COVERS IDENTIFICATION AND SELECTION OF COMMON WROUGHT PIPE; USE OF COMMON PIPE HANDBOOK TABLES TO SELECT PIPE BY NOMINAL PIPE SIZE; IRON PIPE SIZE; SCHEDULE NUMBER; STANDARD, EXTRA STRONG, AND DOUBLE EXTRA STRONG UNITS OF WALL THICKNESS; UNIFORM AND RANDOM LENGTHS; AND METHODS OF MAKING PIPE. SECTION B DEALS WITH THE IDENTIFICATION AND SELECTION OF PIPE FITTINGS; SCREWED AND WELDED FITTINGS AND FLANGES IS TAUGHT BY NOMINAL SIZE, END CONNECTIONS, AND SPECIFIC TYPE.

EPAW00258
PIPEFITTING MEASUREMENT AND LAYOUT
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
PIPES
COST: 27.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D D
COPYRIGHT:
DATE: 76-99

REMARKS AND ABSTRACT:
NO. 9; AVERAGE INSTRUCTION TIME: SECTION A-10 HRS., SECTION B-10 HRS., SECTION C-16 HRS.
SECTION A: HOW TO INTERPRET ORTHOGRAPHIC AND ISOMETRIC SINGLE LINE PIPING DRAWINGS; HOW TO USE PIPE AND FITTING SYMBOLS FOR THREADED, FLANGED, AND WELDED PIPING SYSTEMS. SECTION B: HOW TO CALCULATE THE CUT LENGTHS OF THREADED PIPE REQUIRED TO FABRICATE SYSTEMS MADE WITH SCREWED FITTINGS AND FLANGES. SECTION C: HOW TO CALCULATE THE CUT LENGTHS OF PIPE NECESSARY TO MAKE PIPING ARRANGEMENTS MADE WITH BUTT AND SOCKET WELDING FITTINGS AND WELD NECK, SLIP-ON, AND LAP JOINT OR VAN STONE FLANGES. HOW TO USE HANDBOOKS AND TABLES FOR THE ABOVE.

EPAWC0259 DATE: 76-99
PIPEFITTING SIMPLE AND ROLLING OFFSETS
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: D
SOURCE(S): DUPONT COST: 27.75 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
PIPES
REMARKS AND ABSTRACT:
NO. 10; AVERAGE INSTRUCTION TIME: SECTION A-6 HRS., SECTION B-9 HRS., SECTION C-5 HRS.
SECTION A COVERS THE USE OF THE "INVISIBLE BOX" METHOD OF SHOWING SIMPLE OFFSET DIMENSIONS ON ISOMETRIC SINGLE LINE PIPING DRAWINGS; SECTION B COVERS THE USE OF THE "INVISIBLE BOX" METHOD OF SHOWING ROLLING OFFSET DIMENSIONS ON SINGLE LINE PIPING DRAWINGS; SECTION C COVERS SEVERAL PRACTICAL PROBLEMS USING TWO-PIPE EQUAL-SPREAD OFFSETS AND OFFSET ARCUND COMMON FIELD OBSTRUCTIONS.

EPAWC026C DATE: 76-99
PIPEFITTING LAYOUT PRACTICES
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: D
SOURCE(S): DUPONT COST: 13.25 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
PIPES
REMARKS AND ABSTRACT:
NO. 64; 7 1/2 HRS. AVERAGE INSTRUCTION TIME.
HOW TO LOCATE AND MARK PIPE AND FITTING CENTERLINES USING COMMON SHOP TOOLS AND HANDBOOK TABLES, WITH PARTICULAR EMPHASIS ON BUTT WELDING FITTING CENTERLINES.
S

EPAWC0261 DATE: 76-99
PIPEFITTING MANUALLY CUTTING AND REAMING PIPE
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: D
SOURCE(S): DUPONT COST: 9.25 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
PIPES SAFETY (MECHANICAL) MAINTENANCE
REMARKS AND ABSTRACT:
NO. 123; 4 1/2 HRS. AVERAGE INSTRUCTION TIME.
THE TRAINEE LEARNS HOW TO OPERATE PIPE VISES, HAND PIPE CUTTERS, AND HAND PIPE REAMERS TO FABRICATE CUT LENGTHS OF PIPE FREE OF IRREGULARITIES AT THE PIPE CUT.

EPAWC0262 DATE: 76-99
USING A PITOT TUBE
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: D
SOURCE(S): DUPONT COST: 5.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
FLOW MEASUREMENT
REMARKS AND ABSTRACT:
NO. 54; 2 HRS. AVERAGE INSTRUCTION TIME.
MEASURING STATIC, VELOCITY, AND TOTAL PRESSURES WITH A PITOT TUBE AND MANOMETERS.

EPAW00263

PLANT OPERATOR SERIES FUNDAMENTALS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
PHYSICS
MATHEMATICS
CHEMISTRY
COST: 26.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O M T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 49; 16 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: CONCEPTS OF WEIGHTS, FORM, VOLUME, TEMPERATURE, PRESSURE, DENSITY, SPECIFIC GRAVITY, CONDENSATES AND VAPORS; CONVERSION OF "PSI" TO "FEET OF WATER" AND "INCHES OF MERCURY" AND VICE VERSA; ABSOLUTE, GAGE, AND ATMOSPHERIC PRESSURE, AND VACUUM; EFFECTS OF TEMPERATURE AND PRESSURE ON GAS VOLUMES (IDEAL GAS LAWS); COMPRESSION AND EXPANSION; AND THE EFFECTS OF TEMPERATURE AND PRESSURE ON LIQUIDS, VAPORS, AND CONDENSATES.

EPAW00264

PLANT OPERATOR SERIES BASIC CHEMISTRY
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
CHEMISTRY
COST: 18.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 58; 12 HRS. AVERAGE INSTRUCTION TIME.
THE BASIC CHEMISTRY THAT A PLANT OPERATOR NEEDS TO ENABLE HIM TO UNDERSTAND CHEMICAL REACTIONS AND ACIDS AND BASES. SOME OF THE COMMON CHEMICAL SYMBOLS ARE INTRODUCED INCLUDING: ATOMS AND MOLECULES; ELEMENTS AND COMPOUNDS; CHEMICAL REACTIONS; CATALYSTS; ACIDITY AND ALKALINITY; AND PH AND THE PH SCALE. SOME OF THE CHEMICAL SYMBOLS INTRODUCED ARE HCl, H2-SO4, NA-CL, NA-O-H, HG, N2, CO2 AND H2-O.

EPAW00265

PLANT OPERATOR SERIES EQUIPMENT
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
PUMPS
STEAM
VALVES
EQUIPMENT (PLANT)
TANKS
COST: 20.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 63-00
REMARKS AND ABSTRACT:
COURSE NO. 59, VOL. I THRU VI, 250PP. COMPLETE SET. 13 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: AN INTRODUCTION TO VESSELS SUCH AS TANKS AND COLUMNS OR TOWERS, INCLUDING PACKING, DISTRIBUTORS, AND PROCESS FLOW; BASIC PRINCIPLES OF POSITIVE DISPLACEMENT PUMPS, CENTRIFUGAL PUMPS, RECIPROCATING PUMPS, AND COMPRESSORS; FUNDAMENTALS OF HEAT EXCHANGE, INCLUDING HEAT EXCHANGERS AND STEAM TRAP PRINCIPLES; AND THE MAIN PARTS OF A VALVE AND AN INTRODUCTION TO MANY TYPES OF VALVES.

EPAW00266

PLANT OPERATOR SERIES OPERATING
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
FLOW MEASUREMENT
VALVES
INSTRUMENTATION (PLANT)
COST: 27.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 63; 22 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION AND GENERAL OPERATING PRINCIPLES OF SOME OF THE INSTRUMENTS USED TO MEASURE AND CONTROL PLANT PROCESSES, AND HOW THEY FUNCTION IN AN INSTRUMENT LOOP. THE INSTRUMENTS DISCUSSED ARE: TOTALIZING METERS, ROTAMETERS, MANOMETERS, TRANSMITTERS AND RECEIVERS, DIAPHRAGM MOTOR VALVES, TEMPERATURE AND PRESSURE CONTROLLERS, AND LIQUID LEVEL CONTROLLERS.

EPAW00267
POWERED LIFT TRUCKS ADMINISTRATORS GUIDE DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O S
SOURCE(S): DUPONT COST: 6.75 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
MATERIAL HANDLING
REMARKS AND ABSTRACT:
NO. 134;
INFORMATION REQUIRED FOR ADMINISTRATION OF COURSE NO. 135, "POWERED LIFT TRUCKS - OPERATOR TRAINING."

EPAW00268
POWERED LIFT TRUCKS OPERATOR TRAINING DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 14.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
MATERIAL HANDLING SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
NO. 135; 7 HRS. AVERAGE INSTRUCTION TIME.
A FIVE-PART COURSE ON SAFE, ERROR FREE OPERATION OF THE POWERED LIFT TRUCK INCLUDING: LOADS AND THEIR EFFECT, MAINTAINING CONTROL, THE PROFESSIONAL OPERATOR, LIST TRUCK OPERATION, LOAD HANDLING. SAFE OPERATING RULES ARE ESTABLISHED FOR: LOAD WEIGHT, LOAD CENTER, CARRYING POSITION, OPERATING SPEED, DRIVING TECHNIQUES, PERSONAL SAFETY PRACTICES, OPERATING PROCEDURES, AND INSPECTION PROCEDURES.

EPAW00269
PRESSURE AND ITS MEASUREMENT BASIC PRINCIPLES DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 22.50 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
PHYSICS FLOW MEASUREMENT
REMARKS AND ABSTRACT:
NO. 31; 15 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: THE CONCEPT OF FORCE PER UNIT AREA; HYDROSTATIC PRESSURE; POUNDS PER SQUARE FOOT; POUNDS PER SQUARE INCH; FEET OF LIQUID; TYPES OF MANOMETERS; READING MANOMETER SCALES; U-TUBE AND INCLINED TUBE; DIFFERENTIAL PRESSURE; DENSITY AND SPECIFIC GRAVITY; MANOMETER LIQUIDS; WELL-TYPE MANOMETERS; BAROMETERS; AND CARE, INSTALLATION AND OPERATION OF MANOMETERS.

EPAW00270
PRESSURE AND ITS MEASUREMENT BOURDON TUBE AND OTHER GAGES DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 13.25 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
FLOW MEASUREMENT PHYSICS
REMARKS AND ABSTRACT:
NO. 32; 8 HRS. AVERAGE INSTRUCTION TIME.
BOURDON TUBE AND OTHER TYPES OF GAGES COMMONLY USED IN THE MEASUREMENT OF PRESSURE SUCH AS: COMPOUND GAGES; VACUUM GAGES; AND SLACK DIAPHRAGM, METALLIC DIAPHRAGM, AND BELLOWS GAGES.

EPAW00271

PUMPS CENTRIFUGAL PUMPS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
COST: 14.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 67-00
CENTRIFUGAL PUMPS
LUBRICATION
COURSE NO. 119, VOL. I THRU VI, APPROX 200PP COMPLETE STE. 9 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: FLOW THROUGH PUMP; MECHANICAL AND PACKING SEALS; SEAL FLUSH; PARTS OF AND TYPES OF IMPELLERS; DISCHARGE PRESSURE VERSUS FLOW; POWER REQUIREMENTS VERSUS FLOW; EFFECT OF SPECIFIC GRAVITY ON POWER REQUIREMENTS; MULTI-STAGE OPERATION; METHODS OF PRIMING CENTRIFUGAL PUMPS; OPERATING CHARACTERISTICS OF SELF-PRIMING CENTRIFUGAL PUMPS; TYPES OF OIL LUBRICATION; GREASE LUBRICATED BEARING; BEARING HOUSING TEMPERATURES; AND CAVITATION AND GASSING OF CENTRIFUGAL PUMPS.

EPAW00272

PUMPS POSITIVE DISPLACEMENT PUMPS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
POSITIVE DISPLACEMENT PUMPS ROTARY PUMPS
REMARKS AND ABSTRACT:
COST: 10.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
NO. 12; 5 1/2 HRS. AVERAGE INSTRUCTION TIME.
THE IDENTIFICATION OF RECIPROCATING POSITIVE DISPLACEMENT PUMPS BY TYPE OF POWER END, DISPLACING SOLID, NUMBER OF PUMPING UNITS, TYPE OF PUMPING UNIT, AND VALVE GEAR; AND THE IDENTIFICATION OF THE COMMON TYPES OF ROTARY POSITIVE DISPLACEMENT PUMPS BY TYPE OF DISPLACING SOLID. THE OPERATING PRINCIPLES OF BOTH TYPES OF PUMPS ARE APPLIED TO ELEMENTARY TROUBLESHOOTING.

EPAW00273

SCAFFOLDS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (PLANT) SAFETY (MECHANICAL) EQUIPMENT (CONSTRUCTION)
REMARKS AND ABSTRACT:
COST: 3.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
NO. 97; 1 HRS. AVERAGE INSTRUCTION TIME.
MINIMUM REQUIREMENTS FOR A STANDARD SCAFFOLD: HAND RAILS, KNEE RAILS, TOE BOARDS, DECK PLANKS, PLANK CLEATS, PLANK OVERHAND, PLANKS TIED DOWN, DIAGONAL BRACING, HORIZONTAL MEMBERS, BASES, LADDERS, HEIGHT OF HAND RAIL, LOOSE COUPLINGS, AND RIGHTSIDE-UP COUPLINGS.

EPAW00274

SKETCHING FIELD
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
DRAFTING EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
COST: 23.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O
COPYRIGHT:
DATE: 76-99
NO. 27; 16 HRS. AVERAGE INSTRUCTION TIME.
MAKING FREEHAND SKETCHES, ORTHOGRAPHIC AND PICTORIAL, OF MACHINERY AND EQUIPMENT. HIGHLIGHTS INCLUDE TECHNIQUES FOR DRAWING STRAIGHT LINES, CURVED LINES, AND CIRCLES; SKETCHING TWO- AND THREE-VIEW ORTHOGRAPHIC PROJECTIONS; FREEHAND LETTERING AND DIMENSIONING PRACTICES; AND FREEHAND SKETCHES IN ISOMETRIC AND OBLIQUE PROJECTION.

EPAW00275

SIMPLE SLIDE RULE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS: COST: 9.25 P TYPE(S): PM DATE: 76-99
ARITHMETIC LEVEL: 2 CATEGORIES: O M
COPYRIGHT:
REMARKS AND ABSTRACT:
NO. 125; 5 HRS. AVERAGE INSTRUCTION TIME.
HOW TO USE A 10-INCH SLIDE RULE FOR MULTIPLYING, DIVIDING, SQUARING, AND TAKING SQUARE ROOTS OF NUMBERS (C, D, AND A SCALES).

EPAW00276

STEAM AND THE STEAM GENERATING UNIT
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS: COST: 9.25 P TYPE(S): PM DATE: 76-99
STEAM LEVEL: 3 CATEGORIES: O
BOILERS COPYRIGHT:
REMARKS AND ABSTRACT:
NO. 87; 4 1/2 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: DEFINITIONS OF SATURATED, SUPERHEATED AND WET STEAM, LATENT HEAT OF STEAM; PRESSURE/TEMPERATURE RELATIONSHIP OF SATURATED AND WET STEAM; RELATIVE WEIGHTS OF STEAM AND WATER; EFFECT ON WATER AND STEAM AS HEAT IS ADDED OR TAKEN AWAY; CONDENSING STEAM; SOME OF THE MAIN PARTS OF A STEAM GENERATING UNIT; DIFFERENCE BETWEEN FIRE TUBE AND WATER TUBE BOILER; BOILER CIRCULATION AND WATER WALLS CIRCULATION; AND IDENTIFICATION OF SOME PARTS OF A BOILER AND A WATER WALL.

EPAW00277

STEAM TRAPS INTRODUCTION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS: COST: 5.00 P TYPE(S): PM DATE: 76-99
STEAM LEVEL: 2 CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
NO. 131; 2 HRS. AVERAGE INSTRUCTION TIME.
INFORMATION ON FIVE TYPES OF STEAM TRAPS IN GENERAL USE: THERMOSTATIC, FLOAT-THERMOSTATIC, IMPULSE, THERMODYNAMIC (DISC), AND INVERTED BUCKET. THE PRINCIPLE OF OPERATION AND THE CRITICAL OPERATIONAL PART OF EACH TYPE OF TRAP ARE DISCUSSED.

EPAW00278

STEAM TRAPS TESTING PRACTICES
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS: COST: 9.25 P TYPE(S): PM DATE: 76-99
STEAM LEVEL: 2 CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
NO. 88; 4 1/2 HRS. AVERAGE INSTRUCTION TIME.
COVERS: HOW STEAM AND CONDENSATE ARE FORMED; THE NEED FOR, AND IMPORTANCE OF STEAM TRAPS; TEST OF ANY TYPE TRAP BY WATCHING CONDENSATE DISCHARGE FROM THE OPEN END OF A PIPE; TEST OF TWO TYPES IN CLOSED-END PIPING BY WATCHING CONDENSATE DISCHARGE FROM A TEST CONNECTION; TEST OF ALL OTHER TYPES WITH CLOSED-END PIPING BY LISTENING TO THE TRAP OPERATION; AND THE SAFETY HAZARDS TO BE AVOIDED DURING TESTING.

EPAW00279

STEAM TRAPS INSTALLATION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
STEAM
REMARKS AND ABSTRACT:
COST: 6.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
MAINTENANCE
SAFETY (MECHANICAL)
NO. 91; 3 HRS. AVERAGE INSTRUCTION TIME.
COVERS: THE LOCATION, SEQUENCE, AND ARRANGEMENT OF COMPONENTS FOR A STANDARD STEAM TRAP INSTALLATION; WHERE STEAM TRAPS MUST BE INSTALLED; AND SAFETY MEASURES TO AVOID FUTURE INJURIES.

EPAWC028C

STEAM TRAPS TROUBLE SHOOTING
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
STEAM
REMARKS AND ABSTRACT:
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
MAINTENANCE
SAFETY (MECHANICAL)
TROUBLESHOOTING
NO. 102; 2 HRS. AVERAGE INSTRUCTION TIME.
COVERS: A PROCEDURE FOR CORRECTING FAULTY STEAM TRAP SYSTEM OPERATION, USING A CHECK LIST. THE MAJOR STEPS IN THE PROCEDURE ARE: (1) TEST THE TRAP; (2) CORRECT IMPORTANT DEFECTS; (3) TEST THE TRAP AGAIN; (4) REPLACE THE TRAP; AND (5) LIST THE NEEDED CORRECTIONS. THERE IS ALSO AN OPTIONAL STEP OF "REPAIR IN PLACE" INSTEAD OF "REPLACE THE TRAP".

EPAW00281

SUPERVISORY PROBLEMS WORKSHOP AND REFERENCE MANUAL
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
COST: 18.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
NO. 140; AVERAGE INSTRUCTION TIME: TWO OR THREE PROBLEMS A WEEK FOR APPROXIMATELY 25 WEEKS.
55 SITUATIONS REPRESENTING THE KINDS OF PROBLEMS A NEW FOREMAN IS LIKELY TO ENCOUNTER DURING THE EARLY MONTHS OF HIS SUPERVISORY EXPERIENCE. SOME ARE HUMAN RELATIONS PROBLEMS; SOME INVOLVE POLICY QUESTIONS; AND OTHERS ARE CONCERNED WITH PAPER WORK OR PROCEDURAL PHASES OF THE JOB.

EPAW00282

TEMPERATURE MEASUREMENT BASIC PHYSICS AND TERMS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
PHYSICS
REMARKS AND ABSTRACT:
COST: 10.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O M
COPYRIGHT:
DATE: 76-99
MEASUREMENT
TEMPERATURE
NO. 30; 6 HRS. AVERAGE INSTRUCTION TIME.
PRACTICAL INFORMATION ABOUT TEMPERATURE, MOLECULAR ACTIVITY, HEAT, SOLIDS EXPANSION, LIQUID EXPANSION, GAS EXPANSION, MEASUREMENT OF TEMPERATURE, ABSOLUTE ZERO TEMPERATURE, THE LIQUID AND SOLID EXPANSION THERMOMETER, THE GAS THERMOMETER, THE LIQUID VAPOR THERMOMETER, UNIFORM AND NON-UNIFORM SCALES, AND HEAT-CONDUCTION RADIATION AND CONVECTION.

EPAW00283

TEMPERATURE MEASUREMENT SCALES AND CONVERSION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
TEMPERATURE MEASUREMENT
COST: 7.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 39; 4 HRS. AVERAGE INSTRUCTION TIME.
PRACTICAL INFORMATION ABOUT THE CENTIGRADE, FAHRENHEIT, KELVIN, AND RANKINE TEMPERATURE SCALES,WITH PRACTICE IN USING THE FORMULAS FOR CONVERTING TEMPERATURE FROM ONE SCALE TO ANOTHER.

EPAW00284

TEMPERATURE MEASUREMENT THERMOMETERS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
TEMPERATURE MEASUREMENT
COST: 6.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 40; 3 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES PRACTICAL INFORMATION ABOUT THE GLASS THERMOMETER AS A BASIS OF MOST OTHER METHODS OF TEMPERATURE MEASUREMENT; INDUSTRIAL THERMOMETER; BIMETAL THERMOMETER; THERMOWELL; AND SPEED OF RESPONSE.

EPAW00285

TITRATION AND ITS GLASSWARE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
LABORATORY SKILLS
COST: 6.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 51; 3 HRS. AVERAGE INSTRUCTION TIME.
AN INTRODUCTION TO COMMON TYPES OF LABORATORY GLASSWARE AND UNITS OF VALUMETRIC MEASUREMENT, AND THE STEPS IN TITRATING A SAMPLE.

EPAW00286

VALVES INTRODUCTION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
VALVES
COST: 3.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 67-00
REMARKS AND ABSTRACT:
COURSE NO 130, 20 PP.
IDENTIFIES CHARACTERISTICS AND OPERATION OF ALL VALVES COMMONLY USED IN THE PROCESS INDUSTRIES. ALL VALVES ARE CLEARLY ILLUSTRATED AND LABELED IN THE ATTACHED 'PANEL BOOK'.

EPAW00287

VALVES OPERATION AND MAINTENANCE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
COST: 18.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
VALVES
NORMAL OPERATIONS
NO. 68; 12 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: DETAILED COVERAGE OF THE GENERAL APPEARANCE, CONSTRUCTION, AND FUNCTION OF GATE, GLOBE, AND CHECK VALVES; GENERAL COVERAGE OF PLUG, DIAPHRAGM, PINCH, BUTTERFLY, THREE-WAY FLOW, SAFETY, PRESSURE-REGULATING, CONTROL, MULTI-PORT, AND OTHER LESS COMMON VALVES; AND GENERAL COVERAGE OF VALVE OPERATION, INSTALLATION, AND MAINTENANCE.

EPAW00288

VENTURE ANALYSIS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MANAGEMENT
REMARKS AND ABSTRACT:
COST: 35.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
DECISION MAKING
NO. 141
SYSTEMATIC AND QUANTITATIVE DISCIPLINE FOR ORGANIZING AND PROCESSING INFORMATION TO GUIDE BUSINESS DECISIONS. COMBINES SEVERAL METHODOLOGIES TO IDENTIFY AND CONDENSE, IN A COMMUNICABLE FORMAT, THE BASIC DATA REQUIRED TO DESCRIBE AND EVALUATE A BUSINESS VENTURE.

EPAW00289

WATER TREATMENT WATER CHEMISTRY
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
CONDUCTIVITY
HARDNESS
REMARKS AND ABSTRACT:
COST: 6.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
CHEMISTRY
ALKALINITY
PH
CHEMICAL ANALYSIS
WATER TREATMENT
NO. 90; 2 1/2 HRS. AVERAGE INSTRUCTION TIME.
THE BASIC CHEMISTRY NEEDED TO UNDERSTAND THE HOW AND WHY OF WATER TREATMENT. INCLUDES: SOURCES OF WATER; WATER QUALITY; DISSOLVED AND SUSPENDED IMPURITIES IN WATER; IONS; ATTRACTION BETWEEN ANIONS AND CATIONS; HARDNESS; PH AND THE PH SCALE; ALKALINITY; AND SPECIFIC CONDUCTANCE.

EPAW00290

WATER TREATMENT BOILER FEEDWATER
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
COST: 10.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
CONDUCTIVITY
ION EXCHANGE
CHEMICAL TREATMENT
NO. 41; 7 HRS. AVERAGE INSTRUCTION TIME.
THE WHY AND HOW OF BOILER FEEDWATER TREATMENT. INCLUDES: THE CAUSE AND EFFECTS OF DEPOSITS, CORROSION, AND CARRYOVER; SPECIFIC CONDUCTANCE; BLOWDOWN; INTERNAL CHEMICAL TREATMENT INCLUDING SULFITE, PHOSPHATE, AND CHELATES; DEAERATING HEATER; AND SODIUM CATION EXCHANGERS.

EPAW00291

WATER TREATMENT WATER TESTING
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
CHEMISTRY
COST: 6.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
ANALYTICAL TECHNIQUES
CONDUCTIVITY
SAMPLING
REMARKS AND ABSTRACT:
NO. 117; 2 1/2 HRS. AVERAGE INSTRUCTION TIME.
TYPES OF TEST PROCEDURES USED FOR CONTROL OF WATER TREATMENT OPERATIONS. TITRATION TYPE TESTS; COLORIMETRIC TESTS; TESTS REQUIRING SPECIAL INSTRUMENTS INCLUDING SPECIFIC CONDUCTANCE AND PH, RECOGNITION OF THE EQUIPMENT USED AND THE FIVE STEPS IN A TYPICAL SPECIFIC CONDUCTANCE TEST ON BOILER WATER.

EPAW00292

NEW EMPLOYEE SAFETY TRAINING
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SAFETY
COST: 1.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 67-00
REMARKS AND ABSTRACT:
COURSE NO. 500; 12PP.
THE OBJECTIVE OF THIS TRAINING IS TO IMPROVE SAFETY PERFORMANCE BY ESTABLISHING WITH NEW EMPLOYEES A UNIFORM UNDERSTANDING OF SAFETY POLICIES.

EPAW00294

ADMINISTRATIVE MATERIALS FOR SAFETY TRAINING OBSERVATION PROGRAM
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION
SAFETY
COST: 7.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 522.
GUIDANCE MATERIALS FOR RUNNING A SAFETY PROGRAM.

EPAW00295

EIGHT PROGRAMMED INSTRUCTION COURSES FOR SAFETY TRAINING OBSERVATION PROGRAM
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION
SAFETY
COST: 12.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
NO. 523.
MATERIALS FOR SAFETY TRAINING PROGRAMS.

EPAW00296
SET OF 100 OBSERVATION CARDS FOR USE AFTER COURSE 523 HAS BEEN COMPLETED
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 524.
MATERIALS FOR SAFETY TRAINING PROGRAM.
COST: 1.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW00297
S T O P REFRESHER COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
NO. 525; 20PP.
REFRESHER COURSE FOR SUPERVISORY PERSONNEL CONCERNED WITH SAFETY.
COST: 1.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 68-00

EPAW00298
SAFETY PRINCIPLES INTRODUCTORY UNIT I LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 550.
GUIDE FOR INSTRUCTOR TEACHING SAFETY PROGRAMS.
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW00299
SAFETY PRINCIPLES INTRODUCTORY UNIT I COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 551.
INSTRUCTIONAL MATERIAL FOR A COURSE IN SAFETY.
COST: 1.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW00300
PLANNING FOR SAFETY INTRODUCTORY UNIT LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
NO. 552; 20PP.
TRAINEE WILL IDENTIFY THE STEPS IN AN ORGANIZED APPROACH TO SAFETY PLANNING ON HIS JOB AS HE: GETS READY FOR THE JOB, DOES THE JOB, AND PUTS AWAY WHEN THE JOB IS FINISHED. EACH EMPLOYEE WILL DEMONSTRATE ON THE JOB HOW HE IS USING "PLANNING FOR SAFETY".
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99

EPAW00301
PLANNING FOR SAFETY INTRODUCTORY UNIT COURSE DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: S
SOURCE(S): DUPONT COST: 1.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
NO. 553; 32PP.
TRAINING WILL IDENTIFY THE STEPS IN AN ORGANIZED APPROACH TO SAFETY PLANNING ON HIS JOB AS HE: GETS READY FOR THE JOB, DOES THE JOB, AND PUTS AWAY WHEN THE JOB IS FINISHED. EACH EMPLOYEE WILL DEMONSTRATE ON THE JOB HOW HE IS USING "PLANNING FOR SAFETY".

EPAW00302
LOCK TAG AND TRY LEADERS GUIDE DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 1.75 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY (ELECTRICAL)
REMARKS AND ABSTRACT:
NO. 554.
DISCUSSES IMPORTANCE OF LOCKING OUT ELECTRICAL SYSTEM DURING MAINTENANCE OPERATIONS.

EPAW00303
LOCK TAG AND TRY COURSE DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 1.50 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY (ELECTRICAL)
REMARKS AND ABSTRACT:
NO. 555.
DISCUSSES IMPORTANCE OF LOCKING OUT ELECTRICAL SYSTEM DURING MAINTENANCE OPERATIONS.

EPAW00304
FLAMMABLE LIQUID HAZARDS LEADERS GUIDE DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 1.75 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY (FIRES)
REMARKS AND ABSTRACT:
NO. 556.
INSTRUCTORS GUIDE FOR TRAINING COURSE IN HANDLING FLAMMABLE LIQUIDS.

EPAW00305
FLAMMABLE LIQUID HAZARDS COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY (FIRES)
REMARKS AND ABSTRACT:
NO. 557.
INSTRUCTIONAL MATERIALS ON FLAMMABLE LIQUIDS.
COST: 1.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00306
PORTABLE FIRE EXTINGUISHERS LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY (FIRES)
REMARKS AND ABSTRACT:
NO. 558.
INSTRUCTORS GUIDE FOR COURSE IN USE OF FIRE EXTINGUISHERS.
COST: 1.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00307
PORTABLE FIRE EXTINGUISHERS COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY (FIRES)
REMARKS AND ABSTRACT:
NO. 559.
INSTRUCTIONAL MATERIAL FOR COURSE IN USE OF FIRE EXTINGUISHERS.
COST: 1.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00308
PERSONAL PROTECTIVE EQUIPMENT LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 560.
INSTRUCTORS GUIDE ON USE OF PERSONAL PROTECTIVE EQUIPMENT.
COST: 1.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00309
PERSONAL PROTECTIVE EQUIPMENT COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 561.
INSTRUCTIONAL MATERIAL ON USE OF PERSONAL PROTECTIVE EQUIPMENT.
COST: 1.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00312
STATIC GROUNDING LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
NO. 564.
INSTRUCTORS GUIDE TO MATERIALS ON STATIC GROUNDING.
COST: 1.75 P
SAFETY (ELECTRICAL)
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00313
STATIC GROUNDING COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
NO. 565.
INSTRUCTIONAL MATERIALS ON STATIC GROUNDING.
COST: 1.50 P
SAFETY (ELECTRICAL)
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00314
TANK ENTRY LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
NO. 566.
INSTRUCTORS GUIDE ON HOW TO ENTER TANKS.
COST: 1.75 P
SAFETY
TYPE(S): PM
LEVEL: 1
TANKS
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00315
TANK ENTRY COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
NO. 567.
INSTRUCTIONAL MATERIAL ON TANK ENTRY.
COST: 1.50 P
SAFETY
TYPE(S): PM
LEVEL: 1
TANKS
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00316
BASIC HAND SAFETY LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
NO. 568.
INSTRUCTORS GUIDE FOR SAFE PROCEDURES IN USE OF HANDS.
COST: 1.75 P
SAFETY
TYPE(S): PM
LEVEL: 1
MANUAL LABOR
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99

EPAW00317
BASIC HAND SAFETY COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT COST: 1.50 P
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 569.
INSTRUCTIONAL MATERIALS ON USING ONE'S HANDS IN A SAFE WAY.
TYPE(S): PM LEVEL: 1 MANUAL LABOR
CATEGORIES: 0 COPYRIGHT:
DATE: 76-99

EPAW00318
OFFICE SAFETY LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT COST: 1.75 P
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 570
INSTRUCTORS GUIDE FOR SAFETY IN OFFICE OPERATIONS.
TYPE(S): PM LEVEL: 1
CATEGORIES: 0 COPYRIGHT:
DATE: 76-99

EPAW00319
OFFICE SAFETY COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT COST: 1.50 P
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 571.
INSTRUCTIONAL MATERIAL ON SAFE PRACTICES IN THE OFFICE.
TYPE(S): PM LEVEL: 1
CATEGORIES: 0 COPYRIGHT:
DATE: 76-99

EPAW00320
TOOL HAZARDS LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT COST: 1.75 P
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 572.
INSTRUCTORS GUIDE ON USE OF HAND TOOLS.
TYPE(S): PM LEVEL: 1 EQUIPMENT (SHOP)
CATEGORIES: 0 COPYRIGHT:
DATE: 76-99

EPAW00321
TOOL HAZARDS COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT COST: 1.50 P
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 573.
INSTRUCTIONAL MATERIAL ON USE OF HAND TOOLS.
TYPE(S): PM LEVEL: 1 EQUIPMENT (SHOP)
CATEGORIES: 0 COPYRIGHT:
DATE: 76-99

EPAW00322
INDUSTRIAL HOUSEKEEPING LEADERS GUIDE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 574.
INSTRUCTORS GUIDE ON PLANT HOUSEKEEPING.
COST: 1.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW00323
INDUSTRIAL HOUSEKEEPING COURSE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NNO. 575.
INSTRUCTIONAL MATERIAL ON INDUSTRIAL HOUSEKEEPING.
COST: 1.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW00324
SAFE PRACTICE SERIES CARDS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
SELF PACED INSTRUCTION SAFETY
REMARKS AND ABSTRACT:
NO. 590.
REMINDER CARDS FOR SAFETY.
COST: 1.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW00325
ALWAYS ON MONDAY (OUT OF PRINT)
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
REMARKS AND ABSTRACT:
NO. 528
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00326
FORMAL ASPECTS OF MANAGEMENT PART A (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
REMARKS AND ABSTRACT:
ORDER NO. W005
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW00327

FORMAL ASPECTS OF MANAGEMENT PART B (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
REMARKS AND ABSTRACT:
ORDER NO. W280

COST: 0.00 TYPE(S): OT LEVEL: CATEGORIES: M COPYRIGHT: DATE: 76-99

EPAW00328

BEHAVIORAL ASPECTS OF MANAGEMENT AN INTRODUCTION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT BY OBJECTIVES HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
ORDER NO. W401T: 18 TRANSPARENCIES AND SUPPLEMENTARY MATERIAL
PRESENTS THE ESSENTIALS OF THE MODERN BEHAVIORAL ASPECTS OF MANAGEMENT. INCLUDES THE RESULTS OF THE RELAY ASSEMBLY TEST ROOM EXPERIMENTS FROM THE HAWTHORNE STUDIES, MCGREGOR'S THEORY X AND Y, MASLOW'S HIERARCY OF HUMAN NEEDS, HERZBERG'S MOTIVATORS AND DISSATISFIERS, MASLOW AND HERZBERG COMPARED, GROUP DYNAMICS, CONTRASTING AUTHORITARIAN AND PARTICIPATIVE MANAGEMENT PHILOSPHIES, THE INFORMAL ORGANIZATION, LIKERT'S LINKING PIN CONCEPT, EMPLOYEE TURNOVER AND SUPERVISORY STYLE. DETAILED EXPLANATIONS AND PERTINENT ARTICLE REPRINTS INCLUDED.

COST: 109.95 P TYPE(S): OT PM LEVEL: 2 CATEGORIES: S T COPYRIGHT: C DATE: 76-99

EPAW00329

BEHAVIORAL ASPECTS OF MANAGEMENT APPLICATIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT BY OBJECTIVES JOB ANALYSIS HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
ORDER NO. W402T: 18 TRANSPARENCIES AND SUPPLEMENTARY MATERIALS
FOCUSES ON THE APPLICATIONS OF MODERN BEHAVIORAL MANAGEMENT PRINCIPLES AND PRACTICES.. INCLUDES APPLICATION OF MODERN MANAGEMENT INSIGHTS: AN OVERVIEW, EFFECT OF GROUP EXPECTATIONS ON MEMBER PRODUCTIVITY, INCREASING PRODUCTIVITY, AN EXPERIMENT IN MOTIVATION OF ASSEMBLY LINE WORKERS, THE MOTIVATION CYCLE. DETAILED EXPLANATIONS AND PERTIENT ARTICLE REPRINTS INCLUDED.

COST: 109.95 P TYPE(S): OT PM LEVEL: 2 CATEGORIES: S T COPYRIGHT: C DATE: 76-99

EPAW00330

COMMUNICATION AND MOTIVATION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. W230, 18 TRANSPARENCIES.
ANALYZES THE NATURE OF THE HUMAN ELEMENT IN THE ORGANIZATION, THE ROLE AND IMPORTANCE OF COMMUNICATION, AND THE WAYS IN WHICH EMPLOYEES CAN BE PROPERLY MOTIVATED.

COST: 99.95 P TYPE(S): OT LEVEL: 2 CATEGORIES: S T COPYRIGHT: C DATE: 76-99

EPAW00331

PARTICIPATIVE MANAGEMENT

AUTHOR(S): LANSFORD WILLIAMS P — TYPE(S): OT — CATEGORIES: S T — DATE: 76-99

SOURCE(S): LANSFORD — COST: 69.95 P — LEVEL: 2 — COPYRIGHT: C

SUBJECT AREAS:

MANAGEMENT COMMUNICATION DECISION MAKING

REMARKS AND ABSTRACT:

ORDER NO. WW204, 10 TRANSPARENCIES.

LIKERT'S MANAGEMENT SYSTEMS 1-4 ARE EXPLAINED IN TERMS OF THEIR EFFECT UPON ORGANIZATION PERFORMANCE. THE ORGANIZATION IS PROFILED IN TERMS OF LEADERSHIP, MOTIVATION, COMMUNICATION, DECISION MAKING, GOALS, AND CONTROL. LEADERSHIP STYLE IS CONTRASTED WITH PROBLEM SITUATION AND ORGANIZATION CLIMATE IN A CONTINGENCY MODEL, AND THE STRENGTH AND LIMITATIONS OF EACH STYLE AND COMPARED. THE MANAGER'S STYLE IS CONSIDERED IN TERMS OF THE LINKING PIN FUNCTION, AND THE NOTION OF HUMAN CAPITAL IS INTRODUCED.

EPAW00332

LEADERSHIP

AUTHOR(S): LANSFORD — DATE: 76-99

SOURCE(S): LANSFORD — COST: 59.95 P — TYPE(S): OT — LEVEL: 2 — CATEGORIES: S T — COPYRIGHT: C

SUBJECT AREAS:

SUPERVISION

REMARKS AND ABSTRACT:

ORDER NO. WO103, 10 TRANSPARENCIES.

EFFECTIVE LEADERSHIP IS MORE THAN THE EXERCISE OF AUTHORITY; IT INVOLVES COMPLEX SOCIAL RELATIONSHIPS BETWEEN THE MANAGER AND THOSE WHO WORK UNDER THE MANAGER'S SUPERVISION. AN EFFECTIVE LEADER IN ONE TYPE OF SITUATION MAY BE AN INEFFECTIVE ONE IN ANOTHER. PRESENTS DISCUSSION OF EFFECTS OF SUPERVISORY STYLE ON PRODUCTIVITY AND AGGRESSIVE FEELING; TANNENBAUM AND SCHMIDT'S MODEL OF LEADERSHIP BEHAVIOR; FIELDLER'S LEADERSHIP MODEL.

EPAW00333

LEADERSHIP OF COMPLEX ORGANIZATIONS

AUTHOR(S): LANSFORD WILLIAMS P — TYPE(S): OT — CATEGORIES: S T — DATE: 76-99

SOURCE(S): LANSFORD — COST: 99.95 P — LEVEL: 2 — COPYRIGHT: C

SUBJECT AREAS:

MANAGEMENT COMMUNICATION DECISION MAKING

REMARKS AND ABSTRACT:

ORDER NO. WW209, 15 TRANSPARENCIES

LEADERSHIP DEVELOPMENT IS SHOWN AS A PERSONAL CHANGE PROCESS INCLOVING FEEDBACK, DISSONANCE, AWARENESS, AND CHOICE. HEREDITY, ENVIRONMENT, AND SITUATION ARE RELATED. THE HELPING MODEL OF FACE-TO-FACE LEADERSHIP IS COMPARED WITH THE MANIPULATIVE AND CHARISMATIC MODEL; THE AUTOCRATIC STYLE IS COMPARED WITH THE PARTICIPATIVE. LEADERSHIP TRAITS AND THE DETERMINANTS OF LEADER EFFECTIVENESS ARE EXAMINED. WHY LEADERS LEAD IN COMPARED WITH EDUCTION'S EFFECT UPON LEADERSHIP, AND THE STUDENT IS INVITED TO DIAGNOSE HIS OWN LEADERSHIP STYLE.

EPAW00334

MANAGEMENT BY OBJECTIVES
AUTHOR(S): LANSFORD — OESTREICH H
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT BY OBJECTIVES
COST: 109.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WO4017, 18 TRANSPARENCIES AND SUPPLE. MATERIAL.
MANAGEMENT BY OBJECTIVES IS A METHOD AND PHILOSPHY OF MANAGEMENT WHICH EMPHASIZED SELF-DETERMINATION AND SELF-MOTIVATION OF THE EMPLOYEE. ONE OF THE MORE RECENT APPROACHES TO MANAGING THE HUMAN RESOURCES OF AN ORGANIZATION, ITS RAPID ACCEPTANCE THROUGHOUT ALL TYPES OF ORGANIZATIONS INDICATES THE POWER OF THIS NEW MANAGEMENT PHILOSOPHY. THIS SET HAS BEEN DEVELOPED BY A SPECIALIST IN THE FIELD WHO HAS TESTED THE MATERIAL IN A LARGE NUMBER OF SEMINARS AND CLASSES. HOW TO IMPLEMENT A SOUND MBO PROGRAM IS ILLUSTRATED.

EPAW00335

MANAGEMENT CONTROL USING OBJECTIVES (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT BY OBJECTIVES
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WJ201

EPAW00336

MCDERN PERFORMANCE APPRAISAL
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
JOB ANALYSIS
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WV201, 19 TRANSPARENCIES.
PRESENTS A MODER, SYSTEMS APPROACH TO PERFORMANCE APPRAISAL.B DEALS SPECIFICALLY WITH MAJOR PROBLEM AREAS FOUND IN ALL PERFORMANCE RATING PROGRAMS AND OFFERS CONSTRUCTIVE SOLUTIONS FOR EACH OF THE PROBLEMS.

EPAW00337

INDUSTRIAL PSYCHOLOGY SET I WORKING WITH PEOPLE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT — PERSONNEL
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
ORDER NO. A005, 10 TRANSPARENCIES.
DEALS WITH SCIENTIFICALLY DEVELOPED PRINCIPLES AND PROCEDURES USED IN OBTAINING AND MOTIVATING WORKERS. COVERS THE SCIENTIFIC SELECTION OF WORKERS, TESTING, EVALUATION, TIME AND MOTION STUDY, AND THE WORK ENVIRONMENT.

EPAW00338

INDUSTRIAL PSYCHOLOGY SET II THE MAN MACHINE SYSTEM
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
ORDER NO. A006, 10 TRANSPARENCIES.
FOCUSES ON THE APPLICATION OF SCIENTIFIC PSYCHOLOGY TO MANPOWER PROBLEMS IN THE MACHINE AGE. EMPHASIZES PROBLEMS IN MOTIVATION, COMMUNICATION, TRAINING AND MANAGEMENT STYLE IN BUSINESS, INDUSTRY AND GOVERNMENT.

EPAW00339

EMPLOYMENT OF WOMEN (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
SUBJECT AREAS:
PERSONNEL
REMARKS AND ABSTRACT:
ORDER NO. T001

EPAW00340

APPLIED PSYCHOLOGY AND PERSONNEL MANAGEMENT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 79.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
PERSONNEL
REMARKS AND ABSTRACT:
ORDER NO. WA101, 12 TRANSPARENCIES.
DESIGNED TO STIMULATE CURIOSITY. STUDENTS GUESS WHICH TESTS ARE APT TO BE THE BEST PREDICTORS FOR MANAGERS, OFFICE CLERKS, POLICEMEN, STENOGRAPHERS, MECHANICS, DRIVERS, AND INSURANCE SALESMEN. STUDENTS ARE INTRIGUED WITH THE DISCREPANCY BETWEEN WHAT THEY INTUITIVELY BELIEVE AND WHAT IS SHOWN.

EPAW00341

GROUP DYNAMICS
AUTHOR(S): LANSFORD
WILLIAMS P
SOURCE(S): LANSFORD
COST: 89.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. WW205, 16 TRANSPARENCIES.
GROUP LEADERSHIP SKILLS ARE STRESSED IN THIS SET WHICH IS FOCUSED ON HELPING GROUP MEMBERS BECOME MORE EFFECTIVE IN THE PURSUIT OF THEIR COMMON OBJECTIVES. GROUP CONTENT, PROCESS, ROLES, NORMS, MEMBER INTERACTION, AND HIDDEN AGENDAS ARE INTRODUCED. CRITERIA DETERMINING THE EFFECTIVE AND EFFICIENT USE OF GROUP MEETING ARE EXAMINED TO ENCLUDE GOAL SETTING, COMMUNICATION PATTERNS, AND SECURING COLLABORATION. DIAGNOSIS OF GROUP BEHAVIOR AND DEVELOPMENT OF GROUP SKILLS PROVIDE A FOUNDATION UPON WHICH PROBLEM SOLVING AND ACTION PLANNING STRATEGIES MAY BE BUILT.

EPAW00342
MANAGEMENT EFFECTIVENESS — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: S T
SOURCE(S): LANSFORD — COST: 59.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT
REMARKS AND ABSTRACT:
ORDER NO. R226, 10 TRANSPARENCIES.
PRESENTS SOME DETERMINANTS OF LEADER-MANAGEMENT EFFECTIVENESS AND MEANS BY WHICH IT CAN BE MEASURED.

EPAW00343
ORGANIZATIONAL CHANGE — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: P S T
SOURCE(S): LANSFORD — COST: 59.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT — PLANNING
REMARKS AND ABSTRACT:
ORDER NO. A202, 10 TRANSPARENCIES
DESIGNED TO ILLUSTRATE TECHNIQUES WHICH WILL HELP MANAGERS BRING ABOUT CHANGES WITHIN ORGANIZATIONS.

EPAW00344
ORGANIZATIONAL THEORIES OF BEHAVIOR — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: S T
SOURCE(S): LANSFORD — COST: 59.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT — HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
ORDER NO. A204, 10 TRANSPARENCIES.
DESIGNED TO ILLUSTRATE CURRENT THINKING ABOUT ORGANIZATIONAL THEORY.

EPAW00345
LEADER BEHAVIOR AND GROUP GUIDANCE — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: S T
SOURCE(S): LANSFORD — COST: 89.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
ORDER NO. R215, 15 TRANSPARENCIES.
FUNCTIONS, PROCEDURES, AND ROLES IN GROUP GUIDANCE ARE DISCUSSED AND ANALYZED, INCLUDING LEADER'S CONCERNS AND UNDERLYING FACTORS, TYPES OF LEADERS, QUESTIONS OF A GROUP'S OR LEADER'S RESPONSIBILITIES, LEADERSHIP FUNCTIONS IN A GROUP, AIDS TO EFFECTIVE LEADERSHIP, MEANS OF GROUP NORM CONTROL, DIFFUSION OF LEADERSHIP RESPONSIBILITY, GROUP PROBLEM-SOLVING.

EPAW00346

FUTURE PLANNING AND STRATEGY DEVELOPMENT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
PLANNING
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: P S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WB201, 10 TRANSPARENCIES.
COVERS BASIC PRINCIPLES OF PLANNING USED BY INDUSTRY, GOVERNMENT AND OTHER ORGANIZATIONS. STRUCTURE OF PLANNING, TYPES OF PLANS, DEVELOPING ASSUMPTIONS ABOUT THE FUTURE, LONG RANGE OBJECTIVES, STRATEGIES, AND ORGANIZING THE PLANNING FUCTION ARE COVERED.

EPAW00347

COMMUNICATION IN MANAGEMENT AND INDUSTRY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. R210, 10 TRANSPARENCIES.
ILLUSTRATES LEVELS OF COMMUNICATION, AND OTHER ASPECTS OF INDUSTRIAL AND BUSINESS COMMUNICATION.

EPAW00348

NEW ORGANIZATION STRUCTURES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
WILLIAMS P
COST: 99.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WW210, 15 TRANSPARENCIES.
TRACES THE EVOLUTION OF ORGANIZATION STRUCTURE IN TERMS OF SOLUTIONS TO SEQUENTIAL PROBLEMS OF ORGANIZATION SIZE, COMPLEXITY, AND THE DEMANDS OF TECHNOLOGY. THE TRADITIONAL LINE AND STAFF ORGANIZATION IS CONTRASTED WITH PROJECT FUNCTIONAL STAFF, PRIMARY MISSION, HORIZONTAL, AND MATRIX FORMS. ORGANIZATION MISSIONS ARE SEEN AS ACHIEVABLE THORUGH THE ALTERNATIVE USE OF STRUCTURE AND CULTURE DEPENDING UPON THE DEGREE OF INTEGRATION AND DIFFERENTIATION REQUIRED. CLASSICAL VS. MODERN AND CONTRASTED; AND REORGANIZATION CONSIDERATIONS ARE OUTLINED.

EPAW00349

LINEAR PROGRAMMING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMPUTERS
GRAPHICAL METHODS
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W108, 14 TRANSPARENCIES.
COVERS PRINCIPLES AND APPLICATIONS OF LINEAR PROGRAMMING, INCLUDING A SIMPLE LINEAR PROGRAMMING PROBLEM, A GRAPHIC PRESENTATION OF CONSTRAINTS, ISO-PROFIT FUNCTIONS, THE GRAPHIC SOLUTION, FEED-MIX PROBLEM, OPTIMIZING THE OPERATIONS OF AN INTEGRATED OIL COMPANY, MEDIA SELECTION MODEL, AND USE OF LINEAR PROGRAMMING BY FINANCIAL INSTITUTION.

EPAWC0350
INTRODUCTION TO CYBERNETIC SYSTEMS — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: S T
SOURCE(S): LANSFORD — COST: 89.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT
REMARKS AND ABSTRACT:
ORDER NO. WG201, 15 TRANSPARENCIES.
TRACES THE INCREASING APPLICATION OF CYBERNETICS FROM WIENER'S ORIGINAL USE OF THE WORD TO THE PRESENT DAY WHEN THE ROLE OF FEEDBACK IN ENGINEERING, BIOLOGY, PSYCHOLOGY, SOCIOLOGY AND OTHER FIELDS IS SO IMPORTANT.

EPAWC0351
COMMUNICATION CONCEPTS IN MANAGEMENT — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: S T
SOURCE(S): LANSFORD — COST: 79.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. WJ202, 14 TRANSPARENCIES.
INTERRELATED ORGANIZATIONAL COMMUNICATION PROCESS AND MANAGERIAL FUNCTION ARE DISCUSSED. ELEMENTS OF COMMUNICATION, REASONS FOR INCREASED DEMAND FOR COMMUNICATION WITHIN MANAGERIAL PROCESS, CONCEPTS OF MESSAGE TYPES, MESSAGE UTILIZATION, MESSAGE PROCESSING, AND INFORMATION ECONOMICS ARE DETAILED.

EPAWC0352
EMPLOYEE MOTIVATION AND ORGANIZATIONAL BEHAVIOR — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): AC PM — CATEGORIES: S
SOURCE(S): LANSFORD — COST: 69.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS PERSONNEL
REMARKS AND ABSTRACT:
ORDER NO. A262, 5 CASSETTES AND 2 BOOKLETS.
INCLUDES: THE PSYCHOLOGICAL CONTRACT; WORK PERFORMANCE AND JOB SATISFACTION; POPULAR BEHAVIORAL FOUNDATIONS FOR UNDERSTANDING WORK MOTIVATION; IMPLEMENTATION DIFFICULTIES IN INDUCING HIGHER WORK MOTIVATION AMONGST NON-MANAGERIAL EMPLOYEES; SYSTEMIC PROPERTIES OF ORGANIZATION BEHAVIOR AND MANAGEMENT.

EPAWC0353
PRINCIPLES AND APPLICATIONS OF PERT CPM — DATE: 76-99
AUTHOR(S): WASSENAAR D — LANSFORD — TYPE(S): OT PM — CATEGORIES: S T
SOURCE(S): LANSFORD — COST: 109.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT — PLANNING — COSTS
REMARKS AND ABSTRACT:
ORDER NO. W101, 18 TRANSPARENCIES AND SUPPL. MATERIAL.
PERT (PROGRAM EVALUATION AND REVIEW TECHNIQUE) AND CPM (CRITICAL PATH METHOD) ARE TWO RELATED PLANNING AND CONTROLLING TOOLS FOR MODERN MANAGEMENT. DEVELOPED DURING THE LATE 1950'S, PERT BECAME FAMOUS AFTER SUCCESSFUL APPLICATION ON THE NAVY'S POLARIS PROGRAM. DURING THE 1960'S PERT AND RELATED TECHNIQUES GAINED POPULARITY THROUGHOUT INDUSTRY AND GOVERNMENT. TODAY PERT IS A WIDELY USED MANAGEMENT TOOL. MANY CONTRACTS AND BUDGET PROPOSALS REQUIRE A PERT CHART DOCUMENTATION.

EPAW00354
SIMULATION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
COST: 69.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
SYSTEMS ANALYSIS AND MODELING
ORDER NO. W217, 12 TRANSPARENCIES.
SIMULATION IS A TECHNIQUE FOR STUDYING COMPLEX SYSTEMS. FUNDAMENTALS OF SIMULATION AND APPLICATIONS ARE PRESENTED.

EPAW00355
SYSTEMS APPROACH
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WG202, 15 TRANSPARENCIES.
OUTLINES SYSTEMS-ORIENTED, INTER-DISCIPLINARY APPROACH TO PROBLEM-SOLVING, WHERE A SYSTEMS TEAM COMBINES COMMON KNOWLEDGE AND TOOLS TO ACHIEVE A SOLUTION.

EPAW00356
INFORMATION SYSTEMS APPLICATIONS (CUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
INFORMATION SYSTEMS
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. AGV201

EPAW00357
INFORMATION (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
INFORMATION SYSTEMS
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. AGV202

EPAW00358
PERSONNEL MANAGEMENT THE Q BY Q INTERVIEW
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
PERSONNEL
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WA210, 10 TRANSPARENCIES.
THE TECHNIQUE FOR THE SELECTION INTERVIEW IS EXPLAINED STEP BY STEP; APPLICATIONS AND RESULTS PRESENTED.

EPAW00359
DECISION MAKING PROCESS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DECISION MAKING MANAGEMENT
REMARKS AND ABSTRACT:
ORDER NO. WB202, 19 TRANSPARENCIES.
ANALYZES INDIVIDUAL AND GROUP DECISION-MAKING PROCESSES IN TERMS OF THEIR SOCIOLOGICAL, PSYCHOLOGICAL, AND QUANTITATIVE ASPECTS. INCLUDES STEPS IN DECISION MAKING, ROLES OF PERCEPTION, EXPECTATIONS, POWER, PERSUASION, COMMUNICATION AND INFLUENCE IN GROUP DECISION MAKING.
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99

EPAW00360
PROPERTY AND CASUALTY INSURANCE (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
INSURANCE
REMARKS AND ABSTRACT:
ORDER NO. AS201
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW00361
HEALTH INSURANCE (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
INSURANCE
REMARKS AND ABSTRACT:
ORDER NO. AS202
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW00362
LIFE INSURANCE (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
INSURANCE
REMARKS AND ABSTRACT:
ORDER NO. AS203
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW00363
MODERN PURCHASING MANAGEMENT (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
BUDGET AND ACCOUNTING
REMARKS AND ABSTRACT:
ORDER NO. W289
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW00364

HIGHLIGHTS OF SCIENTIFIC MANAGEMENT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
COST: 69.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W117, 13 TRANSPARENCIES.
SCIENTIFIC MANAGEMENT'S MAIN CONTRIBUTIONS ARE PRESENTED AND ANALYZED, INCLUDING WORK OF FREDERICK W. TAYLOR, HARRINGTON EMERSON, HENRY L. GANTT AND OTHERS.

EPAW00365

INVENTORY CONTROL
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COSTS
INVENTORY
GRAPHICAL METHODS
COST: 99.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W114, 15 TRANSPARENCIES.
CONCEPTS COVERED ARE: FUNCTIONS OF INVENTORIES; BASIC INVENTORY CONTROL MODEL; GRAPHIC DETERMINATION OF OPTIMUM ORDER QUANTITY; DETERMINATION OF ORDER POINT; CONCEPTS OF LEAD TIME AND SAFETY STOCK; DETERMINATION OF SAFETY STOCK LEVELS; RELATIONSHIP BETWEEN INVENTORY LEVEL AND SERVICE LEVEL; ABC CLASSIFICATION OF PRODUCTS IN INVENTORY; INVENTORY TURNOVER; AND COMPUTERIZED INVENTORY CONTROL SYSTEMS.

EPAW00366

ORGANIZATION DEVELOPMENT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
WILLIAMS P
COST: 119.55 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WW207, 20 TRANSPARENCIES
EXAMINES THE CLIENT-CONSULTANT ROLE, THE CONSULTING PROCESS, AND THIRD PARTY SKILLS. ORGANIZATION DIAGNOSIS IS REVIEWED AS A CLIENT-CONSULTANT PROCESS, A CYCLE OF ACTIVITY, A SEARCH FOR SYSTEM EQUILIBRIUM AND A DETERMINATION OF THE APPROPRIATE INTEGRATION AND DIFFERENTIATION REQUIRED BY THE ORGANIZATION. OD TECHNOLOGIES, INCLUDING TEAM BUILDING AND PERSONAL DEVELOPMENT ARE REVIEWED, AND THE PROBLEM OF ASSESSING CHANGE IS ANALYZED. ACTION RESEARCH, FORCE FIELD, AND ALTERNATIVE METHODS OF CULTURAL DIAGNOSIS AND CHANGE ARE EXPLORED.

EPAW00367

SHORT COURSE IN FIRST AID
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SAFETY
COST: 89.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: E O M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W113, 15 TRANSPARENCIES.
BASIC FIRST AID KNOWLEDGE PRESENTED. INCLUDES: WHAT TO DO IF BREATHING STOPS, MOUTH-TO-MOUTH RESUSCITATION, ARTIFICIAL RESPIRATION, BLEEDING CHARACTERISTICS, HOW TO STOP BLEEDING, SHOCK, WOUNDS, BURNS AND SCALDS, FRACTURES, AND OTHER PROBLEMS.

EPAW00368

ANALYSIS OF FINANCIAL STATEMENTS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
BUDGET AND ACCOUNTING
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. A002, 20 TRANSPARENCIES.
SHOWS THE COMPUTATION OF THE MOST SIGNIFICANT RATIOS USED IN ACCOUNTING AND FINANCIAL ANALYSIS. SHOWS THE BALANCE SHEET OR PROFIT AND LOSS STATEMENT WITH APPROPRIATE COMPUTATION OF THE RATIO. COMPUTATIONS LISTED INCLUDE CURRENT RATIO, QUICK RATIO, OPERATING PROFIT RATIO, DEBT EQUITY RATIO, PRICE EARNINGS RATIO, TURNOVER OF ACCOUNTS, RECEIVABLE, TURNOVER OF INVENTORY, FIXED ASSETS, INVESTMENT, RETURN ON EQUITY, EARNINGS PER SHARE, STOCK INTEREST AND EARNINGS, AND OTHERS.

EPAW00369

FINANCE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
ECONOMICS
COST: 99.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W002, 17 TRANSPARENCIES.
AIDS IN EXPLAINING IMPORTANT CONCEPTS SUCH AS CASH FLOW, RATIO ANALYSIS, COMPOUNDED INTEREST AND PRESENT VALUE, DIFFERENT CAPITAL SOURCES AND THEIR USE, FINANCIAL LEVERAGE, AND INVESTMENT CRITERIA.

EPAW00370

COST VOLUME PROFIT ANALYSIS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
ECONOMICS
COST: 79.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W255, 13 TRANSPARENCIES.
DEMONSTRATES THE INTERRELATIONSHIPS BETWEEN COSTS, COST STRUCTURES, SALES VOLUME, AND PROFITABILITY. APPROACHES USED TO SHOW THESE INTERRELATIONSHIPS ARE BREAK-EVEN ANALYSIS AND THE MICROECONOMIC ANALYSIS OF THE COST STRUCTURE OF THE FIRM, MARGINAL ANALYSIS.

EPAW00371

DECISION MAKING A QUANTITATIVE APPROACH
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DECISION MAKING
COST: 79.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W404T, 21 TRANSPARENCIES.
INCLUDES: DECISION-MAKING PROCESS; MODEL BUILDING; DECISON-MAKING CRITERIA; CONCEPT OF EXPECTED VALUE; DECISION-MAKING USING EXPECTED VALUE; CONCEPT OF OPPORTUNITY LOSS; EXPECTED VALUE WITH PERFECT INFORMATION; VALUE OF PERFECT INFORMATION; TREE DIAGRAM; CONDITIONAL VALUE TABLE; OPPORTUNITY LOSS TABLE; EXPECTED VALUE UNDER CERTAINTY; DECISION TREE FOR NEW PRODUCT INTRODUCTION; CONCEPT OF INDIFFERENCE PROBABILITY; COMPETITIVE BIDDING MODEL; RISK AND RISK AVERSION; TYPICAL UTILITY CURVE; DERIVING A UTILITY FUNCTION; AND THE MARKOV BRANK SWITTCHING MODEL.

EPAW00372
FORMS OF BUSINESS ORGANIZATION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
ECONOMICS MANAGEMENT
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W253, 15 TRANSPARENCIES.
COVERS THE COMMON FORMS OF BUSINESS ORGANIZATION SUCH AS SOLE PROPRIETORSHIP, PARTNERSHIP, AND CORPORATION, AND ILLUSTRATES ADVANTAGES AND DISADVANTAGES. SOME LESS COMMON FORMS ARE PRESENTED SUCH AS LIMITED PARTNERSHIPS, CLOSED CORPORATION, AND OTHERS. ADVANTAGES AND DISADVANTAGES OF FRANCHISING ARE DISCUSSED.

EPAW00373
DECISION TREE ANALYSIS (CUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SYSTEMS ANALYSIS AND MODELING
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W236

EPAW00374
BREAK EVEN ANALYSIS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
ECONOMICS
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W235, 9 TRANSPARENCIES AND 2 OVERLAYS.
PRESENTS AN IMPORTANT TOOL IN PRICING, ESTIMATION PROFIT AND LOSS POTENTIAL OF PRODUCTS AND OPERATIONS, DETERMINING THE IMPACT OF FINANCIAL LEVERAGE, AND OTHER AREAS. PLOTTING THE COST FUNCTIONS, COMPLETING THE BREAK-EVEN CHART THE MATHEMATICAL MODEL, CALCULATING THE BREAK-EVEN POINT, DIFFERENT WAYS OF PLOTTING THE SAME BREAK-EVEN CHART, HOW THE BREAK-EVEN POINT CHANGES WITH SELLING PRICE, BREAK-EVEN CHARTS WITH REALISTIC COST FUNCTIONS, BREAK-EVEN CHARTS WITH ALTERNATE BASE LINES, AND COMPARING FIRMS WITH VARIED COST STRUCTURES.

EPAW00375
HUMAN INTERACTION AND GROUP DYNAMICS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS PERSONNEL
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. R208, 10 TRANSPARENCIES.
FACTORS CAUSING SOCIAL INTERACTION, GROUP BEHAVIOR, FRUSTRATION, AND ALIENATION AND PRESENTED.
VARIOUS ME,NHODS OF GROUP ACTIVITY ARE DISCUSSED AND ILLUSTRATED.

EPAW00376 DATE: 76-99
NON VERBAL COMMUNICATION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD COST: 99.95 P TYPE(S): OT LEVEL: 2 CATEGORIES: S T COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. WR202, 15 TRANSPARENCIES.
PRESENTS THE IMPORTANCE OF NON-VERBAL COMMUNICATION AND CREATES AWARENESS OF UNSUSPECTED MESSAGES OF GROUP MEMBERS. COVERS SUCH ASPECTS AS GROOMING, MANNERISMS, AND GESTURES. ALSO POINTS OUT AUDIO, TACTILE, AND VISUAL CUES AND DOUBLE MESSAGES OR GAMES.

EPAW00377 DATE: 76-99
MEASURING MOTIVATION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD COST: 89.95 P TYPE(S): OT LEVEL: 2 CATEGORIES: S T COPYRIGHT: C
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
ORDER NO. R206, 15 TRANSPARENCIES.
CONCERNED WITH HOW AND WHY PEOPLE ARE MOTIVATED. INCLUDES INSTINCTIVE BEHAVIOR, PRIMARY AND SECONDARY DRIVES, MOTIVATION INTERACTION, ACHIEVMENT MOTIVE AND HUMAN PERFORMANCE, MOTIVATIONAL VARIABLES AND PERCEPTION, AROUSAL AND PERFORMANCE, REWARD AND PUNISHMENT SYSTEMS IN SOCIETY. A DEVICE PRODUCED BY PSYCHOLOGISTS ENABLES THE LONG-ELUSIVE MOTIVATION VARIABLE TO BE MEASURED. THE INFLUENCE OF REST IS TESTED.

EPAW00378 DATE: 76-99
COMMUNICATION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD COST: 69.95 P TYPE(S): OT PM LEVEL: 2 CATEGORIES: S T COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. R301, 12 TRANSPARENCIES.
AN INTRODUCTORY LOOK AT THE ROLE AND SCOPE OF COMMUNICATION IN DAILY LIVING, STRESSING THE THEORY AND FUNCTION OF COMMUNICATION IN SOCIETY.

EPAW00379 DATE: 76-99
INFORMATION AND COMMUNICATION THEORY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD COST: 59.95 P TYPE(S): OT LEVEL: 2 CATEGORIES: S T COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. R209, 10 TRANSPARENCIES AND 1 WALLCHART.
EXPLORES BASIC COMMUNICATION PROCESSES, LEVELS OF COMMUNICATION ANALYSIS, THE COMMUNICATION SEQUENCE, COMMUNICATION FRAMEWORK, AND OUTLINES OF INFORMATION THEORY AND COMMUNICATION THEORY. A WALLCHART TRACING DEVELOPMENT OF COMMUNICATION ARTS IN AMERICA IS INCLUDED.

EPAW00380
SEMANTICS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
COST: 59.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. R277, 10 TRANSPARENCIES AND 1 WALLCHART.
ATTEMPTS TO DEFINE MEANING AND MESSAGE, LOOKS AT MESSAGE COMPREHENSIBILITY AND VALIDITY AND OTHER ASPECTS OF THE ROLE OF WORDS AND MEANING IN COMMUNICATION. A WALL CHART OF KORZYBSKI'S STRUCTURAL DIFFERENTIAL IS INCLUDED.

EPAW00381
OFFICE MANAGEMENT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
RECORD KEEPING
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
MANAGEMENT
SECRETARIAL SKILLS
JOB ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. WH203, 20 TRANSPARENCIES.
DEALS WITH OFFICE LAYOUT, STAFFING, JOB DESCRIPTIONS, SUPERVISION, INTEROFFICE INFORMATION FLOW, EXPENSE CONTROLS, AND RECORDS MANAGEMENT.

EPAW00382
PUBLIC SPEAKING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
PUBLIC SPEAKING
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. SK301, 10 TRANSPARENCIES.
DEALS WITH THE FUNDAMENTALS OF SPEECH FOR INTRODUCTORY COURSES. TOPICS INCLUDE THE SPEECH PROCESS, PUBLIC SPEAKING PATTERN, GOALS OF SPEAKING, WHAT INFLUENCES LISTENERS, CHOOSING THE SUBJECT, ACQUIRING INFORMATION, SUPPORTING MAIN IDEAS, SPEECH ORGANIZATION, CONVERSATIONAL LANGUAGE, AND LIVELY DELIVERY.

EPAW00383
DO S AND DON TS FOR BEGINNING SPEAKERS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION (CRAL)
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. SK302, 10 TRANSPARENCIES.
EMPHASIZES PROPER SPEECHMAKING TECHNIQUES, AND GIVES BEGINNING SPEAKER QUICK GUIDELINES TO FOLLOW, AND PITFALLS TO AVOID BEFORE TRYING HIS HAND AS A SPEAKER.

EPAW00384

LABOR UNIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
PERSONNEL
COST: 59.95 P
TYPE(S): OT
LEVEL: 3
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. S108, 10 TRANSPARENCIES.
INCLUDES: LABOR UNION HISTORY; UNION MEMBERSHIP; STATES WITH MORE THAN 1,000,000 UNION MEMBERS, MAJOR NATIONAL AND INTERNATIONAL UNIONS; LABOR UNION ORGANIZATION; WORK STOPPAGES; MAJOR ISSUES IN WORK STOPPAGE; AVERAGE WEEKLY HOURS OF WORK PER WORKER; MEDIAN EARNINGS OF FAMILY HEAD AND MEDIAN FAMILY INCOME; MAIN REASON UNEMPLOYED PERSONS 16 TO 21 YEARS OLD LEFT LAST JOB.

EPAW00385

PUBLIC FINANCE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
ECONOMICS
COST: 99.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. S111, 15 TRANSPARENCIES.
PROVIDES TEACHERS WITH CHARTS NOT USUALLY AVAILABLE IN CLASSROOM. INCLUDES: GOVERNMENT SPENDING, PURCHASES AND NATIONAL OUTPUT; WHERE FEDERAL, STATE, AND LOCAL TAX MONEY COMES FROM; STATE AND LOCAL GOVERNMENT REVENUES; STATE AND LOCAL GOVERNMENT EXPENDITURES; FEDERAL BUDGET DOLLAR, SPENDING (NATIONAL INCOME BASIS), REVENUE AS A PERCENT OF GNP; AID TO STATE AND LOCAL GOVERNMENTS; FEDERAL DEFICITS, DEBT-BY-TERMS, AVERAGE LENGTH AND MATURITY OF DEBT; TREND IN AVERAGE MATURITY OF FEDERAL SECURITIES; OWNERSHIP OF FEDERAL DEBT.

EPAW00386

BASIC STATISTICS (OUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS
COST: 0.00
TYPE(S): OT
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. S006

EPAW00387

EFFECTIVE PRESENTATION OF DATA
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
INSTRUCTION
GRAPHICAL METHODS
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W215, 17 TRANSPARENCIES.
DEALS WITH EFFECTIVE PRESENTATION OF DATA IN GRAPHIC FORMS, SUCH AS PIE CHARTS, BAR CHARTS, SIMPLE LINE CHARTS, MULTIPLE BAR AND LINE CHARTS, PICTOGRAPHS, STATISTICAL MAPS, AND OTHERS. FUNDAMENTAL APPLICATIONS AND USE OF LOGARITHMIC SCALE AND CHARTS ARE DISCUSSED.

EPAWC0388
METRIC SYSTEM (OUT OF PRINT) DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES:
SOURCE(S): LANSFORD COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
MEASUREMENT
REMARKS AND ABSTRACT:
ORDER NO. W124

EPAW00385
WATER AND ITS USE DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: E
SOURCE(S): LANSFORD COST: 59.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
INDUSTRIAL WATER ELECTRIC POWER WATER SUPPLY
REMARKS AND ABSTRACT:
ORDER NO. A106, 10 TRANSPARENCIES.
DISCUSSES WATER DEMAND PROJECTIONS, INDUSTRIAL AND HOME USAGE, AVERAGE ANNUAL RAINFALL BY GEOGRAPHIC LOCATION, AVERAGE ANNUAL RUNOFFS BY GEOGRAPHIC LOCATION, WATER-POOR AND WATER-RICH AREAS, FEDERAL WATER QUALITY ADMINISTRATION REGIONS, PROJECTED ELECTRIC GENERATION SOURCES, PRINCIPAL HYDROELECTRIC PROJECTS, AND NUCLEAR POWER PLANTS.

EPAW00390
BEHAVIOR MODIFICATION AND CONTROL DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: S T
SOURCE(S): LANSFORD COST: 119.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS MANAGEMENT BY OBJECTIVES
REMARKS AND ABSTRACT:
ORDER NO. S207, 20 TRANSPARENCIES.
ENABLES THE TEACHER TO EXPLAIN THE THEORY OF BEHAVIOR CONTROL AND HOW IT IS USED. DESIGNED FOR PSYCHOLOGY, EDUCATION, SOCIOLOGY, SOCIAL WORK, MANPOWER MANAGEMENT, AND OTHER COURSES.

EPAW00391
INTRODUCTION TO FIRE SCIENCE DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: O S L
SOURCE(S): LANSFORD COST: 59.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SAFETY (FIRES) EMERGENCY RESPONSE PROGRAMS FIRES
REMARKS AND ABSTRACT:
ORDER NO. AG201, 10 TRANSPARENCIES.
BASICS OF FIRE SCIENCE INSTRUCTION TECHNIQUES ARE PRESENTED, INCLUDING FIRE HAZARD MEASUREMENT, ORGANIZATION OF FIRE SERVICE AGENCIES, FIREFIGHTING TACTICS, LEGAL PROBLEMS OF FIRE FIGHTERS, FIRE DETECTION AND CAUSES, WATER SYSTEMS, AND ELEMENTS OF HAZARDOUS MATERIALS.

EPAW00392
GRADING SCHEDULE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SAFETY
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: O S
COPYRIGHT: C
DATE: 76-99
EMERGENCY RESPONSE PROGRAMS FIRES
REMARKS AND ABSTRACT:
ORDER NO. AG202, 10 TRANSPARENCIES.
BASICS OF FIRE SCIENCE INSTRUCTION TECHNIQUES ARE PRESENTED, INCLUDING FIRE HAZARD MEASUREMENT, ORGANIZATION OF FIRE SERVICE AGENCIES, FIREFIGHTING TACTICS, LEGAL PROBLEMS OF FIRE FIGHTERS, FIRE DETECTION AND CAUSES, WATER SYSTEMS, AND ELEMENTS OF HAZARDOUS MATERIALS.

EPAW00393
FIRE SERVICE ORGANIZATION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SAFETY (FIRES)
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: O S L
COPYRIGHT: C
DATE: 76-99
EMERGENCY RESPONSE PROGRAMS FIRES
REMARKS AND ABSTRACT:
ORDER NO. AG203, 10 TRANSPARENCIES.
BASICS OF FIRE SCIENCE INSTRUCTION TECHNIQUES ARE PRESENTED, INCLUDING FIRE HAZARD MEASUREMENT, ORGANIZATION OF FIRE SERVICE AGENCIES, FIREFIGHTING TACTICS, LEGAL PROBLEMS OF FIRE FIGHTERS, FIRE DETECTION AND CAUSES, WATER SYSTEMS, AND ELEMENTS OF HAZARDOUS MATERIALS.

EPAW00394
WATER SERVICE FOR FIRE SERVICE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SAFETY (FIRES)
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: O S L
COPYRIGHT: C
DATE: 76-99
EMERGENCY RESPONSE PROGRAMS FIRES
REMARKS AND ABSTRACT:
ORDER NO AG204, 10 TRANSPARENCIES.
BASICS OF FIRE SCIENCE INSTRUCTION TECHNIQUES ARE PRESENTED, INCLUDING FIRE HAZARD MEASUREMENT, ORGANIZATION OF FIRE SERVICE AGENCIES, FIREFIGHTING TACTICS, LEGAL PROBLEMS OF FIRE FIGHTERS, FIRE DETECTION AND CAUSES, WATER SYSTEMS, AND ELEMENTS OF HAZARDOUS MATERIALS.

EPAW00395
FIREFIGHTING TACTICS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SAFETY (FIRES)
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: O S L
COPYRIGHT: C
DATE: 76-99
EMERGENCY RESPONSE PROGRAMS FIRES
REMARKS AND ABSTRACT:
ORDER NO. AG205, 10 TRANSPARENCIES.
BASICS OF FIRE SCIENCE INSTRUCTION TECHNIQUES ARE PRESENTED, INCLUDING FIRE HAZARD MEASUREMENT, ORGANIZATION OF FIRE SERVICE AGENCIES, FIREFIGHTING TACTICS, LEGAL PROBLEMS OF FIRE FIGHTERS, FIRE DETECTION AND CAUSES, WATER SYSTEMS, AND ELEMENTS OF HAZARDOUS MATERIALS.

EPAW00396
LEGAL ASPECTS OF FIRE SERVICE DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: O S L
SOURCE(S): LANSFORD COST: 59.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
FIRES EMERGENCY RESPONSE PROGRAMS
REMARKS AND ABSTRACT:
ORDER NO. AG206, 10 TRANSPARENCIES.
BASICS OF FIRE SCIENCE INSTRUCTION TECHNIQUES ARE PRESENTED, INCLUDING FIRE HAZARD MEASUREMENT, ORGANIZATION OF FIRE SERVICE AGENCIES, FIREFIGHTING TACTICS, LEGAL PROBLEMS OF FIRE FIGHTERS, FIRE DETECTION AND CAUSES, WATER SYSTEMS, AND ELEMENTS OF HAZARDOUS MATERIALS.

EPAW00397
FIRE INVESTIGATION DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: O S L
SOURCE(S): LANSFORD COST: 59.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
FIRES EMERGENCY RESPONSE PROGRAMS
REMARKS AND ABSTRACT:
ORDER NO. AG207, 10 TRANSPARENCIES.
BASICS OF FIRE SCIENCE INSTRUCTION TECHNIQUES ARE PRESENTED, INCLUDING FIRE HAZARD MEASUREMENT, ORGANIZATION OF FIRE SERVICE AGENCIES, FIREFIGHTING TACTICS, LEGAL PROBLEMS OF FIRE FIGHTERS, FIRE DETECTION AND CAUSES, WATER SYSTEMS, AND ELEMENTS OF HAZARDOUS MATERIALS.

EPAW00398
HAZARDOUS MATERIALS DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: O S L
SOURCE(S): LANSFORD COST: 59.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SAFETY (CHEMICAL) EMERGENCY RESPONSE PROGRAMS FIRES
REMARKS AND ABSTRACT:
ORDER NO. AG208, 10 TRANSPARENCIES.
BASICS OF FIRE SCIENCE INSTRUCTION TECHNIQUES ARE PRESENTED, INCLUDING FIRE HAZARD MEASUREMENT, ORGANIZATION OF FIRE SERVICE AGENCIES, FIREFIGHTING TACTICS, LEGAL PROBLEMS OF FIRE FIGHTERS, FIRE DETECTION AND CAUSES, WATER SYSTEMS, AND ELEMENTS OF HAZARDOUS MATERIALS.

EPAW00399
TECHNICAL REPORT WRITING (OUT OF PRINT) DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: M
SOURCE(S): LANSFORD COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
TECHNICAL WRITING
REMARKS AND ABSTRACT:
ORDER NO.

EPAW00400
FRESH WATER BIOLOGY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
LAKES
REMARKS AND ABSTRACT:
COST: 39.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 76-99
LIMNOLOGY
ECOSYSTEMS
ORDER NO. TH103, 7 TRANSPARENCIES.
ILLUSTRATES THE MAJOR CHARACTERISTICS OF FRESH WATER LAKES IN THE NORTH TEMPERATE REGION. INCLUDES: THERMAL STRATA OF LAKES, LIGHT ZONES IN LAKES, LITTORAL ZONE AND LIFE FORMS, OLIGOTROPHIC LAKES, MESOTROPHIC LAKES, EUTROPHIC LAKES, ALGAL BLOOMS.

EPAW00401
ECOLOGY NUTRIENT CYCLES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
ECOSYSTEMS
REMARKS AND ABSTRACT:
COST: 39.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 76-99
WATER REUSE
ORDER NO. TH201, 7 TRANSPARENCIES.
RECYCLING OF ELEMENTS THROUGH THE EARTH'S ECOSYSTEMS IS SHOWN. IDENTIFIES TWO MAJOR TYPES OF CYCLES, GASEOUS AND SEDIMENTARY, AND GIVES THE SALIENT FEATURES OF SEVERAL EXAMPLES, INCLUDING GENERALIZED GASEOUS CYCLE, GENERALIZED SEDIMENTARY CYCLE, CARBON CYCLE, NITROGEN CYCLE, SULFUR CYCLE, WATER CYCLE, AND PHOSPHORUS CYCLE.

EPAW00402
LAKES AND PONDS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
AQUATIC ANIMALS
REMARKS AND ABSTRACT:
COST: 49.95 P
TYPE(S): SL
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 76-99
ECOSYSTEMS
LIMNOLOGY
ORDER NO. TH204-1, 20 SLIDES.
OFFERS EXAMPLES OF VARIOUS AQUATIC AND TERRESTRIAL HABITATS. ILLUSTRATES SPECIFIC BIOTIC COMMUNITIES, ECOSYSTEMS, DIVERSITY OF SPECIES, AND CHARACTERISTIC ORGANISMS.

EPAW00403
FLOWING WATERS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
AQUATIC ANIMALS
REMARKS AND ABSTRACT:
COST: 49.95 P
TYPE(S): SL
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 76-99
ECOSYSTEMS
LIMNOLOGY
ORDER NO. TH204-2, 20 SLIDES.
OFFERS EXAMPLES OF VARIOUS AQUATIC AND TERRESTRIAL HABITATS. ILLUSTRATES SPECIFIC BIOTIC COMMUNITIES, ECOSYSTEMS, DIVERSITY OF SPECIES, AND CHARACTERISTIC ORGANISMS.

EPAW00404
FUNDAMENTALS OF ANALYTICAL CHEMISTRY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 69.95 P
TYPE(S): OT
LEVEL: 2
DATE: 76-99
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
PH
INSTRUMENTATION (LABORATORY)
CHEMISTRY
ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
ORDER NO. WWA201, 10 TRANSPARENCIES.
DEALS WITH THE MORE FUNDAMENTAL TOOLS USED IN ANALYTICAL CHEMISTRY, INCLUDING VERNIER SCALES, BURET READINGS, SCHEMATIC DIAGRAM OF A PH METER, SCHEMATIC OF THE PH METER ELECTRODES, THE PH TITRATION CURVE, TYPES OF PIPETTES, AND OTHERS.

EPAW00405
FUNDAMENTALS OF ORGANIC CHEMISTRY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 109.95 P
TYPE(S): OT
LEVEL: 2
DATE: 76-99
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
CHEMISTRY
REMARKS AND ABSTRACT:
ORDER NO. WWA208, 8 TRANSPARENCIES.
INCLUDED ARE TETRAHEDRON CARBON ATOM, ASYMMETRIC CARBON ATOM, POLARIMETER SCHEMATIC, OPTICAL ROTATION EQUATION, ALCOHOL FUNCTIONAL GROUP WITH EXAMPLES, ACID FUNCTIONAL GROUP WITH EXAMPLES, ALDEHYDE FUNCTIONAL GROUP WITH EXAMPLES, KETONE FUNCTIONAL GROUP WITH EXAMPLES, AMINE FUNCTIONAL GROUP WITH EXAMPLES, AND ESTER FUNCTIONAL GROUP WITH EXAMPLES.

EPAW00406
PROPERTIES OF GASES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 79.95 P
TYPE(S): OT
LEVEL: 1
DATE: 76-99
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
GASES
REMARKS AND ABSTRACT:
ORDER NO. N201, 14 TRANSPARENCIES.
ILLUSTRATES THE GAS LAWS IN THE FORM OF GRAPHS AND EXPERIMENTS. DIFFUSION OF GASES, COLLECTION OF GASES OVER WATER, AND MEASUREMENT OF GAS PRESSURE ARE DEPICTED. REAL GASES ARE CONTRASTED WITH AN IDEAL GAS AND COMMON TEMPERATURE SCALES ARE COMPARED. GRAPHS INCLUDED: BOYLE'S LAW, CHARLES' LAW, EFFECTS OF TEMPERATURE ON A BALLOON, PRESSURE-TEMPERATURE, DENSITY-PRESSURE AND DENSITY-TEMPERATURE GRAPHS AND DIAGRAMS, GRAPHAM'S LAW, DIFFUSION EXPERIMENT, DALTON'S LAW EXPERIMENT, AVOGADRO'S LAW, AND OTHERS.

EPAW00407
CENTRIFUGATION (CUT OF PRINT)
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 0.00
TYPE(S): OT
LEVEL:
DATE: 76-99
CATEGORIES:
COPYRIGHT:
SUBJECT AREAS:
CENTRIFUGATION
REMARKS AND ABSTRACT:
ORDER NO. WWA204

EPAWC04C8
COLLIGATIVE PROPERTIES OF SOLUTIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
CHEMISTRY
COST: 39.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. N202, 6 TRANSPARENCIES.
STARTS WITH RAOULT'S LAW WHICH IS CORRELATED WITH FREEZING POINT LOWERING AND BOILING POINT ELEVATION. A PRESENTATION OF OSMOTIC PRESSURE INCLUDED. ALSO INCLUDES RAOULT'S LAW DIAGRAM FOR A NONVOLATILE SOLUTE, RAOULT'S LAW DIAGRAM WHERE BOTH COMPONENTS ARE VOLATILE, LIQUID-VAPOR COMPOSITION DIAGRAM, VAPOR PRESSURE OF A LIQUID RELATED TO TEMPERATURE, AND BOILING POINT ELEVATION-FREEZING POINT DEPRESSION DIAGRAM.

EPAW00410
HOW THE WATER WITCH DROWNS IN A DRY HOLE
AUTHOR(S): LEHR J H
SOURCE(S): NWWA
SUBJECT AREAS:
GROUNDWATER
WATER WELLS
WATER QUALITY
COST: 20.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 33 MIN., COLOR; PURCHASE PRICE: $275.00.
INTRODUCTION TO THE IMPORTANT FACTS ABOUT GROUND WATER, THE USE OF WHICH IS DESTINED TO TRIPLE DURING THE COMING DECADE. IMPROVES THE UNDERSTANDING BY THE PUBLIC OF THE WATER WELL DRILLING INDUSTRY.

EPAW00413
DETERMINATION OF ALKALINITY
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
ALKALINITY
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
UNIT: XY-68, 5 MIN TAPE, 74 SL, SCRIPT.
THE LABORATORY PROCEDURE TO DETERMINE ALKALINITY ELECTROMETRICALLY TO AN END POINT OF PH 4.5. TOPICS ARE: ALKALINITY FUNDAMENTALS AND TITRATION CURVES, SAMPLING, APPARATUS, THE STEPWISE PROCEDURE, CALCULATION FORMULA, AND APPLICATIONS OF ALKALINITY DATA.

EPAW00414
PURE WATER AND PUBLIC HEALTH (OUT OF PRINT)
AUTHOR(S): CIPRA
SOURCE(S): CIPRA
SUBJECT AREAS:
PUBLIC HEALTH
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
28 MIN., COLOR, 16MM.

EPAW00415
INSTALLATION OF CAST IRON SLIP JOINT PIPE (OUT OF PRINT) DATE: 76-99
AUTHOR(S): CIPRA TYPE(S): MP CATEGORIES:
SOURCE(S): CIPRA COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
CAST IRON PIPES
REMARKS AND ABSTRACT:
16MM., 15 MIN., COLOR.

EPAW00417
I JUST WORK HERE DATE: 76-99
AUTHOR(S): ROUNDTABLE TYPE(S): MP CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 50.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS COMMUNICATION PUBLIC RELATIONS
REMARKS AND ABSTRACT:
16MM, 17 MIN., COLOR; MANAGER'S GUIDBOOK "PUBLIC CONTACT: CHORE OR CHALLENAGE" RECOMMENDED.
DEMONSTRATES THE IMPORTANCE OF ATTITUDE IN MAINTAINING GOOD CUSTOMER RELATIONS AND A FAVORABLE COMPANY IMAGE.
DRAMATIZES THE DAMAGING EFFECTS OF NEGATIVE, SELF-CENTERED ATTIDUDES.

EPAW00419
SAFE HANDLING OF CHLORINE DATE: 70-00
AUTHOR(S): PITTS PLAT TYPE(S): MP CATEGORIES: O
SOURCE(S): PITTS PLAT AWWA COST: 0.00 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
CHLORINE SAFETY (CHEMICAL) NORMAL OPERATIONS CHEMICAL TRANSPORT
REMARKS AND ABSTRACT:
16 MM, 25 MIN, COLOR; AWWA RENTAL FEE - $3.00 (ORDER NO. F105).
PROCEDURES FOR HANDLING CHLORINE CYLINDERS, TON CONTAINERS, TANK CARS AND BARGES ARE OUTLINED IN THIS FILM.
ALSO DISCUSSED ARE APPROPRIATE MATERIALS OF CONSTRUCTION, PUMPING CHLORINE, CHECKING STORAGE TANKS, OPERATING
VAPORIZERS, REPACKING VALVES, AND TRAINING OPERATORS TO HANDLE CHLORINE SAFELY.

EPAW00420
TO FALL OR NOT TO FALL DATE: 69-00
AUTHOR(S): AETNA LIFE TYPE(S): MP VC CATEGORIES: O S
SOURCE(S): AETNA COST: 0.00 R LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
MANUAL LABOR PUBLIC HEALTH SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
16 MM, 3/4 INCH VIDEO TAPE CASSETTE.
ANIMATED CARTOON OFFERS PRECAUTIONS AGAINST UNSAFE CONDITIONS AND ACTIONS LEADING TO ON-THE-JOB FALLS,
A MAJOR CAUSE OF OCCUPATIONAL INJURIES.

EPAW00421
LIFTING MANS AGE OLD PROBLEM
AUTHOR(S): AETNA LIFE
SOURCE(S): AETNA
COST: 0.00 R
TYPE(S): MP VC
LEVEL: 1
DATE: 65-00
CATEGORIES: O S
COPYRIGHT: C
SUBJECT AREAS:
MANUAL LABOR
PUBLIC HEALTH
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
16 MP, 3/4 INCH VIDEC TAPE CASSETTE.
SPECIAL PHOTOGRAPHIC TECHNIQUES HIGHLIGHT SAFE LIFTING GUIDELINES AND OTHER TIPS FOR AVOIDING BACK PROBLEMS.

EPAW00422
SAFETY AT WORK (CUT OF PRINT)
AUTHOR(S): AETNA
SOURCE(S): AETNA
COST: 0.00
TYPE(S): MP VC
LEVEL:
DATE: 76-99
CATEGORIES:
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM FILM, 3/4 INCH VIDEO TAPE CASSETTE

EPAWC0425
FLOODING RIVER A STUDY IN RIVERINE ECOLOGY
AUTHOR(S): AMHERST COLLEGE
SOURCE(S): WILEY
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
DATE: 72-00
CATEGORIES: T
COPYRIGHT: C
SUBJECT AREAS:
ECOSYSTEMS
RIVERS
AQUATIC ANIMALS
FLOODS
REMARKS AND ABSTRACT:
16MM, 34 MIN., COLOR; PURCHASE PRICE: $425.00.
SHOWS HOW MIGRATING SHAD, DUCKS, AMPHIBIANS, THE LAND, AND PLANTS DEPEND ON THE ANNUAL FLOODING CYCLE; EXPLAINS THE RIVER'S ABILITY TO MAINTAIN ITS OWN FLOW DURING RAINFALL; AND IT SHOWS THE COMPLEX ECOLOGICAL SUCCESSIONS THAT RESULT FROM THE RIVER'S NATURAL MEANDERING AND OXBOW LAKE FORMATIONS.

EPAW00426
MEMBRANE MICROFILTRATION A NEW TOOL FOR CLASSROOM SCIENCE
AUTHOR(S): MILLI
SOURCE(S): MILLI
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
DATE: 70-00
CATEGORIES: E M T
COPYRIGHT: C
SUBJECT AREAS:
BACTERIAL ANALYSIS
TOTAL COLIFORMS
MICROBIOLOGY
ANALYTICAL TECHNIQUES
MEMBRANE FILTRATION
REMARKS AND ABSTRACT:
16MM, COLOR, 20 MIN.
GENERAL INTRODUCTION TO THE USE OF MEMBRANCE FILTERS WITH APPLICATIONS TO RESEARCH, MEDICINE, INDUSTRY, EDUCATION AND FIELD METHODS.

EPAWC0428
ECOLOGICAL MODELLING DATE: 76-00
AUTHOR(S): JORGENSEN S E TYPE(S): PM CATEGORIES: T
SOURCE(S): ELSEVIER COST: 33.95 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ECOSYSTEMS SYSTEMS ANALYSIS AND MODELING
REMARKS AND ABSTRACT:
1 VOLUME YEARLY IN 4 ISSUES; AUTHORED BY AN INTERNATIONAL PANEL.
DEALS WITH THE USE OF MATHEMATICAL MODELS AND SYSTEMS ANALYSIS FOR THE DESCRIPTION OF ECOSYSTEMS AND FOR THE CONTROL OF ENVIRONMENTAL POLLUTION AND RESOURCE DEVELOPMENT. IT COMBINES MATHEMATICAL MODELLING, SYSTEMS ANALYSIS AND COMPUTER TECHNIQUES WITH ECOLOGY AND ENVIRONMENTAL MANAGEMENT. PROVIDES AN INTERNATIONAL FORUM FOR ALL THOSE INVOLVED IN THIS FIELD OF EVER-INCREASING IMPORTANCE.

EPAWC0431
WATER WEALTH OR WORRY FOR AMERICANS (OUT OF PRINT) DATE: 75-99
AUTHOR(S): CIPRA TYPE(S): MP CATEGORIES:
SOURCE(S): CIPRA COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM., 12 MIN., COLOR.

EPAWC0434
STORY OF A LAKE DATE: 76-99
AUTHOR(S): CHEVRON TYPE(S): MP CATEGORIES: E
SOURCE(S): CHEVRON COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
AQUATIC PLANTS PUBLIC PARTICIPATION LAKES RECREATION
MINNESOTA WATER QUALITY
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR.
A LAKE IN MINNESOTA SUFFERS FROM A DEVASTATING WATER-WEED PROBLEM. LOWER REAL ESTATE VALUES, HOMEOWNER DISCONTENT AND LIMITED RECREATIONAL ACTIVITIES LEAD AREA RESIDENTS TO "CLEAN UP" THE LAKE. WITH THE SERVICES OF A CUSTOM APPLICATOR, A CHEMICAL IS APPLIED TO CONTROL WATER WEEDS WHICH DOES NOT ENDANGER THE ENVIRONMENT. THE RESULTS: HOMEOWNERS ON THE LAKE AND THE COMMUNITY AS A WHOLE CAN ONCE AGAIN ENJOY SWIMMING, FISHING AND WATERSPORTS.

EPAWC0437
COLIFORM TESTING AND SAMPLING (OUT OF PRINT) DATE: 76-99
AUTHOR(S): JOHNSTON K L TYPE(S): PM CATEGORIES:
SOURCE(S): JOHNSTON COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
FECAL COLIFORMS TOTAL COLIFORMS
REMARKS AND ABSTRACT:

EPAWC0438 DATE: 76-99
LAGCON FOR DOMESTIC SEWAGE (OUT OF PRINT)
AUTHOR(S): JOHNSTON K L
SOURCE(S): JOHNSTON
SUBJECT AREAS:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:

REMARKS AND ABSTRACT:

EPAW00441 DATE: 76-99
BASIC LABORATORY PROCEDURES FOR WASTEWATER ANALYSIS (OUT OF PRINT)
AUTHOR(S): MI BEH
SOURCE(S): MI BEH
SUBJECT AREAS:
WASTEWATER ANALYSIS
COST: 0.00
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:

EPAW00450 DATE: 72-00
WATERWORKS OPERATOR MANUAL A
AUTHOR(S): NC WOA
SOURCE(S): NC WOA
SUBJECT AREAS:
BACTERIA
MANGANESE
RADIOACTIVITY
CHLORINATION
HYDRAULICS
OPERATIONS (WATER)
COST: 5.00 P
TYPE(S): PM
LEVEL: 3
CORROSION
IRON
CATEGORIES: O
COPYRIGHT:
CHEMISTRY
PUMPS
REMARKS AND ABSTRACT:
A GENERAL REVIEW OF PROBLEMS FOR LARGE PLANT OPERATION.

EPAW00451 DATE: 72-00
WATERWORKS OPERATOR MANUAL B
AUTHOR(S): NC WOA
SOURCE(S): NC WOA
SUBJECT AREAS:
BACTERIA
CORROSION
SEDIMENTATION
OPERATIONS (WATER)
CHEMISTRY
FLUORIDATION
FILTRATION
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CHLORINATION
PUMPS
STANDARDS
CATEGORIES: O
COPYRIGHT:
COAGULATION
RECORD KEEPING
TASTE AND ODOR
REMARKS AND ABSTRACT:
A GENERAL REVIEW OF OPERATIONS FOR MEDIUM SIZE PLANTS.

EPAW00452 DATE: 71-00
WATERWORKS OPERATOR MANUAL C
AUTHOR(S): NC WOA
SOURCE(S): NC WOA
SUBJECT AREAS:
MATHEMATICS
COAGULATION
SEDIMENTATION
OPERATIONS (WATER)
BACTERIA
PUMPS
FILTRATION
COST: 5.00 P
TYPE(S): PM
LEVEL: 1
CHEMISTRY
RADIOACTIVITY
TASTE AND ODOR
CATEGORIES: O
COPYRIGHT:
CHLORINATION
RECORD KEEPING
CORROSION
REMARKS AND ABSTRACT:
A REVIEW OF WATER PLANT OPERATIONS FOR THE NEW OPERATOR.

EPAW00454 DATE: 74-00

BASIC WORKBOOK FOR WATER POLLUTION CONTROL PLANT OPERATORS
AUTHOR(S): GA STATE
SOURCE(S): GA EPD
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
OPERATIONS (WASTEWATER)
CHLORINATION
SAMPLING
HYDRAULICS
PRETREATMENT
SLUDGE TREATMENT
RECORD KEEPING
MAINTENANCE
SLUDGE DIGESTER GAS
MATHEMATICS
SECONDARY TREATMENT
INDUSTRIAL WASTES
SAFETY
REMARKS AND ABSTRACT:
TRAINING MANUAL FOR BEGINNING WASTEWATER TREATMENT PLANT OPERATORS. FOR USE WITH SHORT COURSE ON IN-PLANT TRAINING PROGRAM.

EPAW00455 DATE: 75-00

STABILIZATION POND OPERATION AND MAINTENANCE MANUAL
AUTHOR(S): MN PCA
SEXAUER W N
SOURCE(S): MN PCA
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O M S
COPYRIGHT:
SUBJECT AREAS:
STABILIZATION LAGOONS
SAMPLING
PLANT DESIGN
RECORD KEEPING
NORMAL OPERATIONS
PREVENTIVE MAINTENANCE
REMARKS AND ABSTRACT:
118PP., TABLES, FIGURES; AUTHOR: R. V. KARN.
PREPARED IN CONJUNCTION WITH EPA FUNDED TRAINING PROGRAMS FOR STABILIZATION POND OPERATORS. SUBJECTS INCLUDE LIFT STATION AND COLLECTION SYSTEM, TREATMENT PROCESS, PROCESS DESIGN CRITERIA, OPERATION CONTROLS, MAINTENANCE PRACTICES AND LAB TESTS.

EPAW00457 DATE: 76-99

TRAINING AND COMMUNICATIONS
AUTHOR(S): HOLCOMB A E
SOURCE(S): TX DOH
COST: 0.00 R
TYPE(S): SL AC
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
COMMUNICATIONS
PERSONNEL
HUMAN REL AND PSYCHOL ASPECTS PUBLIC RELATIONS
REMARKS AND ABSTRACT:
PROVIDES GUIDANCE AND INSTRUCTION TO ALL PERSONNEL WHO DEAL WITH OTHER PEOPLE.

EPAW00458 DATE: 76-99

RENOVATION OF SANITARY SEWER BY SLIP LINE
AUTHOR(S): HOLCOMB A E
SOURCE(S): TX DOH
COST: 0.00 R
TYPE(S): SL AC
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SANITARY SEWERS
MAINTENANCE
PIPE LININGS
REMARKS AND ABSTRACT:
PROVIDES AN INTRODUCTION TO THIS METHOD OF SEWERAGE SYSTEM REPAIR.

EPAW00459 DATE: 71-00

MANUAL OF WASTEWATER OPERATIONS
AUTHOR(S): TX DOH
SOURCE(S): TX DOH
COST: 10.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T D S O
COPYRIGHT: C
SUBJECT AREAS:
WATER REUSE
SECONDARY TREATMENT
SLUDGE DISPOSAL
COLLECTION SYSTEMS
WASTEWATER TREATMENT PLANTS
PREVENTIVE MAINTENANCE
BUDGET AND ACCOUNTING
ANALYTICAL TECHNIQUES
PRIMARY TREATMENT
SLUDGE TREATMENT
REMARKS AND ABSTRACT:
755PP.
COMPREHENSIVE DOCUMENT WHICH PRESENTS THE RELATIONSHIP OF WASTEWATER TO PUBLIC HEALTH AND WATER POLLUTION. ALL PRACTICAL ASPECTS OF PRIMARY AND SECONDARY TREATMENT ARE PRESENTED. ADDITIONALLY, FOUR CHAPTERS DISCUSS THE MANAGEMENT AND FINANCIAL ASPECTS OF WASTEWATER COLLECTION AND TREATMENT.

EPAW00460 DATE: 69-00

MANUAL OF WATER UTILITY OPERATIONS
AUTHOR(S): TX DOH
SOURCE(S): TX DOH
COST: 0.00 R
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
OPERATIONS (WATER)
WATER STORAGE
ARITHMETIC
RATES
ANALYTICAL TECHNIQUES
WATER SUPPLY
PHYSICAL TREATMENT
WATER CHARACTERISTICS
MANUALS
PRIMARY TREATMENT
DISTRIBUTION SYSTEMS
MAINTENANCE
QUALITY CONTROL
REMARKS AND ABSTRACT:
662PP., 5TH ED.
COMPLETE MANUAL OF WATER TREATMENT AND DISTRIBUTION.

EPAW00461 DATE: 74-00

QUESTIONS AND ANSWERS FOR WASTEWATER OPERATORS WORKBOOK
AUTHOR(S): COVENTRY F L
SOURCE(S): COVENTRY
COST: 3.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
WASTEWATER CHARACTERISTICS
ACTIVATED SLUDGE
SAFETY
CONVERSION TABLES
MATHEMATICS
INTERMITTENT SAND FILTERS
MAINTENANCE
DIGESTION
SEDIMENTATION
STABILIZATION LAGOONS
OPERATIONS (WASTEWATER)
BIOLOGICAL TREATMENT
TRICKLING FILTERS
CHLORINATION
ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
64PP., 520 QUESTIONS WITH ANSWERS.
THIS IS NOT A TEXT BOOK ON WASTEWATER TREATMENT OPERATIONS. IT IS A HANDBOOK. THE PLANT OPERATOR WHO CAN ANSWER THESE QUESTIONS CORRECTLY WILL BE ABLE TO PASS THE MOST COMPREHENSIVE CERTIFICATION TEST.

EPAW00464

GROUND WATER AND WELLS
AUTHOR(S): UNIV OIL
SOURCE(S): UNIV OIL
SUBJECT AREAS:
GROUNDWATER
REMARKS AND ABSTRACT:
440PP: 400 ILLUS.
COVERS GROUND WATER OCCURENCE AND MOVEMENT, WELL HYDRAULICS AND WELL DESIGN, DRILLING METHODS, WELL-SCREEN INSTALLATION, WELL MAINTENANCE AND MUCH MORE.

COST: 10.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T D
COPYRIGHT:
DATE: 76-99
WATER WELLS

EPAW00466

ALKALINITY
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
ALKALINITY
REMARKS AND ABSTRACT:
UNIT: XT-66, 11 MIN TAPE, 66 SL, SCRIPT.
A GENERAL CONSIDERATION OF ALKALINITY IN WATER SUPPLIES INCLUDING SOURCES AND EFFECTS, SUMMARY OF LABORATORY DETERMINATIONS, CLASSIFICATION SYSTEMS FOR HYDROXIDE, CARBONATE AND BICARBONATE, AND APPLICATIONS OF ALKALINITY DATA.

COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 73-00
CARBONATES
BICARBONATES

EPAW00467

DETERMINATION OF AMMONIA NITROGEN
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
AMMONIA
REMARKS AND ABSTRACT:
UNIT: XT-67, 9 MIN TAPE, 45 SLIDES, SCRIPT.
DETERMINATION OF AMMONIA CONCENTRATIONS OF 1-25 MG/LITER. TOPICS ARE SUMMARY OF METHOD, THE REQUIRED LABORATORY APPARATUS AND REAGENTS, THE STEPWISE PROCEDURE, AND AN EXAMPLE OF CALCULATING AMMONIA NITROGEN FROM TEST RESULTS.

COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 73-00

EPAW00469

OPERATION AND CONTROL OF WATER TREATMENT PROCESSES
AUTHOR(S): COX C R
SOURCE(S): WHO
SUBJECT AREAS:
DEVELOPING COUNTRIES
REMARKS AND ABSTRACT:
(MONOGRAPH 49)
COMPREHENSIVE INFORMATION ON THE TREATMENT AND CONTROL OF WATER FOR DOMESTIC PURPOSES. THE AUTHOR DEALS WITH THE CONSER OF WATER RESOURCES IN ORDER TO MAKE TREATMENT EFFECTIVE AND ECONOMIC AND DISCUSSES THE FOLLOWING TREATMENT PROCEDURES: AERATION, TASTE AND ODOR CONTROL, COAGULATION AND FLOCCULATION, SEDIMENTATION, FILTRATION AND CHLORINATION. STANDARDS O POTABLE WATER QUALITY ARE SUMMARIZED, WITH SPECIAL REFERENCE TO WATER-BORNE DISEASES, AND THE MATTER OF WATER FLUORIDATI IS TAKEN UP. THERE ARE VALUABLE ANNEXES AND A SUPPLEMENT ON LABORATORY PROCEDURES.

COST: 7.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT: C
DATE: 64-00
ANALYTICAL TECHNIQUES
OPERATIONS
PUBLIC HEALTH

EPAW00472
CHLORINE MANUAL DATE: 69-00
AUTHOR(S): CHLOR INST TYPE(S): PM CATEGORIES: D O T
SOURCE(S): CHLOR INST COST: 0.75 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
CHLORINE CHLORINATION CHEMICAL REACTIONS DISINFECTION
REMARKS AND ABSTRACT:
PAPERBACK, 30 PAGES.
THIS MANUAL IS INTENDED TO BE A COMPENDIUM OF EXPERIENCE, AVAILABLE TO THE INSTITUTE, OF MATERIALS, EQUIPMENT AND PRACTICES THAT CONTRIBUTE TO SAFE HANDLING, STORAGE, SHIPMENT AND USE OF CHLORINE. IMPORTANT PROPERTIES OF CHLORINE ARE INCLUDED AS WELL AS PRACTICAL METHODS OF DEALING WITH EMERGENCIES THAT MAY BE ENCOUNTERED.

EPAW00476
MADE SIMPLE BOOKS MATHEMATICS DATE: 76-99
AUTHOR(S): TYPE(S): PM CATEGORIES: T
SOURCE(S): DOUBLEDAY COST: 1.95 P LEVEL: 0 COPYRIGHT:
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
REMEDIAL MATH FOR THE ADULT LEARNER.

EPAW00477
MADE SIMPLE BOOKS CHEMISTRY DATE: 76-99
AUTHOR(S): TYPE(S): PM CATEGORIES: T
SOURCE(S): DOUBLEDAY COST: 1.95 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
CHEMISTRY
REMARKS AND ABSTRACT:
REMEDIAL ELEMENTARY CHEMISTRY FOR THE ADULT LEARNER.

EPAW00478
MADE SIMPLE BOOKS PHYSICS DATE: 76-99
AUTHOR(S): DOUBLEDAY TYPE(S): PM CATEGORIES: T
SOURCE(S): DOUBLEDAY COST: 1.95 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
PHYSICS
REMARKS AND ABSTRACT:
REMEDIAL ELEMENTARY PHYSICS FOR THE ADULT LEARNER.

EPAW00480
OUR ENVIRONMENT BATTLES WATER POLLUTION DATE: 76-99
AUTHOR(S): RENN C E TYPE(S): PM CATEGORIES: E T
SOURCE(S): LAMOTTE COST: 0.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
AMMONIA CHEMICAL ANALYSIS ENVIRONMENTAL EFFECTS TOXICITY TO FISH
RADIOACTIVITY WATER TREATMENT NITRATES PH
PHOSPHATES
WATER ANALYSIS WATER TREATMENT
REMARKS AND ABSTRACT:
ORDER NO. 1592, 32 PAGES
DISCUSSES THE PROCESSES IN NATURE WHICH TEND TO CREATE CLEAR, COLORLESS, ORDER FREE WATERS AND HOW THESE PROCESSES CAN ADAPTED FOR WASTE WATER TREATMENT AND PURIFICATION SYSTEMS. TOUCHES ON WATER POLLUTION BY RADIOACTIVE WASTES, CHEMICAL TOXINS, NITRATE AND PHOSPHATE ENRICHMENT AND THERMAL POLLUTION.

EPAW00481

STUDY OF WATER QUALITY

DATE: 76-99

AUTHOR(S): RENN C E
SOURCE(S): LAMOTTE
COST: 0.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E T
COPYRIGHT: C

SUBJECT AREAS:

ACIDITY	AEROBIC TREATMENT	WATER QUALITY	CARBON DIOXIDE
CHLORINATION	DISSOLVED OXYGEN	PH	GROUNDWATER
HYDROLOGY	ION EXCHANGE	IRON	OXYGEN
TASTE AND ODOR	OXYGEN	PH	POLLUTANTS

REMARKS AND ABSTRACT:
ORDER NO. 1532, 46 PAGES
DISCUSSES THE COMPLEX NATURE OF WATER; THE HYDROLOGIC CYCLE; HOW MATERIALS BECOME DISSOLVED IN WATER AND HOW THIS LEADS TO PROBLEMS INVOLVING SCAL FORMATION, CORROSION, AND STAINING; HOW TO DETERMINE WATER QUALITY, AND HOW NATURAL PROCESSES TEND TO RESTORE WATER QUALITY.

EPAW00482

LIMNOLOGY AN INTRODUCTION TO THE FRESH WATER ENVIRONMENT

DATE: 76-99

AUTHOR(S): AMOS W H
SOURCE(S): LAMOTTE
COST: 0.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E T
COPYRIGHT: C

SUBJECT AREAS:

ALGAE	AQUATIC ANIMALS	AQUATIC GROWTHS	BIOLOGY
BOTTOM SAMPLING	CARBON DIOXIDE	ECOSYSTEMS	EUTROPHICATION
LAKES	OXYGEN	PH	PLANKTON
SAMPLING	LIMNOLOGY	WATER QUALITY	

REMARKS AND ABSTRACT:
ORDER NO. 1593, 38 PAGES
OVERVIEW OF BIOLOGICAL, GEOPHYSICAL AND CHEMICAL CONCEPTS AS THEY ARE INVOLVED IN PONDS, LAKES AND OTHER FRESH WATER ENVIRONMENTS. DISCUSSES SEASONAL AND DIURNAL CHANGES IN ECOLOGICALLY SIGNIFICANT FACTORS SUCH AS DISSOLVED OXYGEN, PHOSPHATES AND NATURAL POLLUTANTS. INCLUDES SUGGESTED FIELD AND LABORATORY STUDIES AND EQUIPMENT.

EPAW00484

WATER SUPPLY AND PLUMBING CROSS CONNECTIONS (OUT OF PRINT)

DATE: 76-99

AUTHOR(S): EPA
SOURCE(S): GPO
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:

SUBJECT AREAS:
CROSS CONNECTIONS
REMARKS AND ABSTRACT:

EPAW00488

INVESTIGATING WATER PROBLEMS A WATER ANALYSIS MANUAL

DATE: 76-99

AUTHOR(S): RENN C E
SOURCE(S): LAMOTTE
COST: 0.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E T
COPYRIGHT: C

SUBJECT AREAS:

ALKALINITY	AMMONIA	CARBON DIOXIDE	CHEMICAL ANALYSIS
CHLORINE	CHROMIUM	COPPER	CYANIDE
DISSOLVED OXYGEN	FLUORIDE	HARDNESS	IRON
NITRATES	PH	PHOSPHATES	ANALYTICAL TECHNIQUES

REMARKS AND ABSTRACT:
ORDER NO. 1589, 72 PAGES
PROVIDES BACKGROUND INFORMATION WHICH HELPS STUDENTS UNDERSTAND THE CHEMISTRY THAT IS APPLIED IN FIELD TESTS TO DETERMIN THE KINDS AND QUANTITIES OF VARIOUS CHEMICAL FACTORS IN WATER. INCLUDES A GLOSSARY AND BIBLIOGRAPHY. FEATURES THE INVESTIGATIVE APPROACH AND CORRELATES WITH WATER TESTING KITS.

EPAW00489
CHLORIDE
AUTHOR(S): PENWALT
SOURCE(S): DOUBLEDAY
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
DATE: 76-99
CATEGORIES: T O
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
REMARKS AND ABSTRACT:
AN INTRODUCTION TO CHLORINE PROPERTIES AND USE.

EPAW00490
WATER LAWS AND CONCEPTS
AUTHOR(S): THOMAS H E
SOURCE(S): USGS
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
DATE: 70-00
CATEGORIES: L
COPYRIGHT: C
SUBJECT AREAS:
WATER SUPPLY
LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
18PP.
STUDIES THE WATER-RIGHTS SYSTEMS IN THE UNITED STATES. DISCUSSES THE VARIOUS LAWS AND CUSTOMS THAT HAVE DEVELOPED CONCERNING THE INDIVIDUAL RIGHTS AND RIGHTS IN COMMON TO THE WATERS OF THE EARTH. WATER-USE RIGHTS ARE UNIVERSALLY RECOGNIZED AS REAL PROPERTY, WITH CONSTITUTIONAL PROTECTION AGAINST DEPRIVATION WITHOUT DUE PROCESS OF LAW.

EPAW00491
STUDY GUIDE FOR WATER PLANT OPERATORS
AUTHOR(S): FL WPCOA
SOURCE(S): FL WPCOA
COST: 3.50 P
TYPE(S): PM
LEVEL: 1
DATE: 60-00
CATEGORIES: E O
COPYRIGHT:
SUBJECT AREAS:
BACTERIA
MATHEMATICS
BACTERIAL ANALYSIS
CHEMISTRY
WATER CHARACTERISTICS
CHLORINATION
WATER WELLS
WATER ANALYSIS
FLOW METERS
CENTRIFUGAL PUMPS
WATER (OPERATIONS)
REMARKS AND ABSTRACT:
THIS MANUAL IS FOR USE AS AN INTRODUCTION TO THE POTABLE WATER FIELD ONLY.

EPAW00493
READING ASSIGNMENTS AND EXERCISES FOR WATER SYSTEM OPERATORS
AUTHOR(S): MT BCWWO
SOURCE(S): MT BCWWO
COST: 2.00 P
TYPE(S): PM
LEVEL: 2
DATE: 76-99
CATEGORIES: E O S
COPYRIGHT:
SUBJECT AREAS:
MATHEMATICS
CHEMISTRY
BACTERIA
ELECTRIC POWER
OPERATIONS (WATER)
COAGULATION
FILTRATION
CHLORINATION
AERATION
CORROSION
MAINTENANCE
LABORATORY TESTS
SEDIMENTATION
HYDROLOGY
FLUORIDATION
SAFETY
REMARKS AND ABSTRACT:
GUIDE USED WITH NEW YORK MANUAL FOR WATER PLANT OPERATORS.

EPAW00504

WATER WORKS OPERATORS MANUAL
AUTHOR(S): AL DEPT HEALTH
SOURCE(S): AL BEH
SUBJECT AREAS:
OPERATIONS (WATER)
REMARKS AND ABSTRACT:
245PP.
THIS MANUAL IS PRIMARILY USED FOR TRAINING WATERWORKS OPERATORS.

COST: 0.00 P
TYPE(S): PM
LEVEL: 1
DATE: 72-00
CATEGORIES: M O
COPYRIGHT:
COAGULATION
DISINFECTION
GROUNDWATER

EPAW00508

CORRESPONDENCE COURSE MANUAL FOR WATER PLANT OPERATORS CLASS D
AUTHOR(S): CLEMSON UNIV
SOURCE(S): SC WPCA
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
WATER CHARACTERISTICS
REMARKS AND ABSTRACT:
2ND ED (1ST ED, 1958), 327PP. SUPPL BKLETS: 'ASSIGNMENTS AND TESTS', 72PP; TESTS (22).
EMPHASIZES MATHEMATICAL, SCIENTIFIC AND EDUCATIONAL TRAINING REQUIREMENTS FOR CLASS D CERTIFICATION. FIRST
IN SERIES OF 4 COURSES (PROGRESSIVELY MORE ADVANCED). ARITHMETIC OPERATIONS (NUMBER, FRACTIONS, DECIMALS,
GEOMETRY, WEIGHTS AND MEASURES) PROVIDE INITIAL EXPOSURE FOLLOWED BY CHAPTERS OUTLINING EQUATIONS, ANALYTICAL
TECHNIQUES AND TECHNICAL DESCRIPTIONS USED IN SPECIFIC TREATMENT PROCESSES. EDITED BY JH AUSTIN (1ST ED EDITED
BY WG MILLER). EXAMPLES, ILLUS, GRAPHS, TABLES, PROBLEMS, TESTS, BIBLIOGRAPHY.

AUSTIN J H
COST: 12.00 P
TYPE(S): PM
LEVEL: 1
DATE: 68-00
CATEGORIES: M O T
COPYRIGHT: C
ARITHMETIC
AQUATIC GROWTHS
CHEMISTRY
OPERATIONS (WATER)
WATER QUALITY
WATER TREATMENT PLANTS

EPAW00509

CORRESPONDENCE COURSE MANUAL FOR WATER PLANT OPERATORS CLASS C
AUTHOR(S): CLEMSON UNIV
SOURCE(S): SC WPCA
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
BIOLOGY
WATER TREATMENT PLANTS
CONVERSION TABLES
REMARKS AND ABSTRACT:
2ND ED (1ST, 1961), 304PP. SUPPL BKLETS: 'ASSIGNMENTS AND TESTS', 45 PP; TESTS (17).
EMPHASIZES MATHEMATICAL, SCIENTIFIC, AND TECHNICAL EDUCATIONAL TRAINING REQUIREMENTS FOR CLASS C
CERTIFICATION. SECOND IN SERIES OF 4 COURSES (PROGRESSIVELY MORE DIFFICULT). WATER ANALYSIS TREATED IN
DEPTH (BACTERIAL, CHEMICAL, MICROSCOPIC, ETC). MATHEMATICAL EMPHASIS ON FORMULAS, EQUATIONS, CONVERSIONS,
EXPONENTIALS AND LOGARITHMS, AND GRAPH THEORY. ADMINISTRATIVE ASPECTS OF PLANT OPERATION INTRODUCED.
THE TREATMENT SEQUENCE (SOURCE, PLANT, POST PLANT) COVERED FOR ALL PROCESSES. EXAMPLES, ILLUS. TABLES,GRAPHS,PROBLEMS,T

COST: 12.00 P
TYPE(S): PM
LEVEL: 2
DATE: 71-00
CATEGORIES: M O T
COPYRIGHT: C
MATHEMATICS
CHEMISTRY
SAFETY
GRAPHICAL METHODS
CHEMICAL REACTIONS
RECORD KEEPING
PHYSICAL ANALYSIS
OPERATIONS (WATER)

EPAW00510

CORRESPONDENCE COURSE MANUAL FOR WATER PLANT OPERATORS CLASS B
AUTHOR(S): CLEMSON UNIV
SOURCE(S): SC WPCA
COST: 12.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O T
COPYRIGHT: C
DATE: 62-00
SUBJECT AREAS:
OPERATIONS (WATER)
CHLORINATION
HYDRAULICS
RAPID SAND FILTERS
MATHEMATICS
ALGAE
FLOW MEASUREMENT
COAGULATION
BACTERIAL ANALYSIS
PREVENTIVE MAINTENANCE
CHEMISTRY
PHYSICS
RECORD KEEPING
REMARKS AND ABSTRACT:
298 PP. SUPPL BKLETS: 'ASSIGNMENTS AND TESTS', APPROX 60 PP; TESTS (26).
EMPHASIZES THEORETICAL MATHEMATICAL AND SCIENTIFIC EDUCATIONAL TRAINING REQUIREMENTS FOR CLASS B CERTIFICATION. ALGEBRA, QUADRATIC EQUATIONS, SYSTEMS OF EQUATIONS, EXPONENTS AND LOGARITHMS, AND STOICHIOMETRY CONSTITUTE FIRST PORTION; ORGANIC CHEMISTRY AND PHYSICS RECEIVE INTRODUCTORY TREATMENT AND FURTHER EMPHASIS IS PLACED ON WATER ANALYSIS AND TREATMENT. THIRD IN SERIES OF 4 COURSES (PROGRESSIVELY MORE DIFFICULT). EXAMPLES, ILLUS, TABLES, GRAPHS, PROBLEMS, TESTS.

EPAW00511

CORRESPONDENCE COURSE MANUAL FOR WASTEWATER PLANT OPERATORS CLASS D
AUTHOR(S): CLEMSON UNIV
SOURCE(S): SC WPCA
COST: 12.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O T
COPYRIGHT: C
DATE: 69-00
SUBJECT AREAS:
ARITHMETIC
PHYSICAL TREATMENT
CHEMISTRY
CHEMICAL TREATMENT
DATA EVALUATION
BIOLOGICAL TREATMENT
ANALYTICAL TECHNIQUES
PREVENTIVE MAINTENANCE
REMARKS AND ABSTRACT:
2ND ED (1ST, 1959), 424 PP. SUPPL BKLETS: 'ASSIGNMENTS AND TESTS', 81 PP; TESTS (24).
EMPHASIZES MATHEMATICAL, SCIENTIFIC AND TECHNICAL EDUCATIONAL TRAINING REQUIREMENTS FOR CLASS D CERTIFICATION. FIRST IN SERIES OF 4 COURSES (PROGRESSIVELY MORE ADVANCED). ARITHMETIC OPERATIONS (NUMBER, FRACTIONS, DECIMALS, GEOMETRY, WEIGHTS AND MEASURES) PROVIDE INITIAL EXPOSURE FOLLOWED BY CHAPTERS OUTLINING EQUATIONS, ANALYTICAL TECHNIQUES AND TECHNICAL DESCRIPTIONS USED IN SPECIFIC TREATMENT PROCESSES. EDITED BY JH AUSTIN (1ST ED EDITED BY WG MILLER). EXAMPLES, ILLUS,GRAPHS,TABLES,PROBLEMS,TESTS,BI

EPAW00512

CORRESPONDENCE COURSE MANUAL FOR WASTEWATER PLANT OPERATORS CLASS C
AUTHOR(S): CLEMSON UNIV
SOURCE(S): SC WPCA
COST: 12.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O T
COPYRIGHT: C
DATE: 62-00
SUBJECT AREAS:
MATHEMATICS
BACTERIAL ANALYSIS
SEDIMENTATION
GRAPHICAL METHODS
CHEMISTRY
PHYSICAL TREATMENT
BIOLOGY
CHEMICAL REACTIONS
CHEMICAL TREATMENT
BACTERIA
PUMPS
BIOLOGICAL TREATMENT
REMARKS AND ABSTRACT:
322 PP. SUPPL BKLETS: 'ASSIGNMENTS AND TESTS', 71 PP; TESTS (23).
EMPHASIZES MATHEMATICAL, SCIENTIFIC AND TECHNICAL EDUCATIONAL TRAINING REQUIREMENTS FOR CLASS C CERTIFICATION. SECOND IN SERIES OF 4 COURSES (PROGRESSIVELY MORE DIFFICULT). MORE DEPTH GIVEN TO THEORETICAL UNDERSTANDING OF WHY CERTAIN REACTIONS TAKE PLACE AND WHY CERTAIN PROCESSES ARE USED IN WATER PURIFICATION AND SEWAGE STABILIZATION. MATHEMATICAL EMPHASIS ON FORMULAS, EQUATIONS, RATIOS AND GRAPHING THEORY. EXAMPLES, ILLUS, GRAPHS, TABLES, PROBLEMS, TESTS.

EPAW00513

CORRESPONDENCE COURSE MANUAL FOR WASTEWATER PLANT OPERATORS CLASS B DATE: 70-00
AUTHOR(S): CLEMSON UNIV TYPE(S): PM CATEGORIES: M O T
SOURCE(S): SC WPCA COST: 12.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
MATHEMATICS CHEMISTRY BIOLOGY BACTERIAL ANALYSIS
HYDRAULICS SAFETY CORRESPONDENCE COURSES OPERATIONS (WASTEWATER)
REMARKS AND ABSTRACT:
286PP., ASSIGNMENTS AND TESTS BOOKLET, 57PP. AND ANSWER SHEET INCLUDED.
EMPHASIZES MATHEMATICAL, SCIENTIFIC AND TECHNICAL EDUCATIONAL TRAINING REQUIREMENTS FOR CLASS B CERTIFICATION.
THIRD IN A SERIES OF FOUR COURSES (PROGRESSIVELY MORE DIFFICULT). EMPHASIS GIVEN TO MATHEMATICS, CHEMISTRY,
BIOLOGY AND HYDRAULICS.

EPAW00517

INTERMEDIATE WATER COURSE
AUTHOR(S): USN DATE: 69-05
SOURCE(S): USN TYPE(S): PM CATEGORIES: T O
SUBJECT AREAS: COST: 4.60 P LEVEL: 2 COPYRIGHT:
ANALYTICAL TECHNIQUES WATER TREATMENT WATER DISTRIBUTION PUMPS
WATER SUPPLY
REMARKS AND ABSTRACT:
(NTTC 215, NAVFAC P-334) 265PP.
THIS CORRESPONDENCE COURSE, COMPRISING THREE VOLUMES, IS INTENDED TO PROVIDE BASIC MATERIAL NECESSARY TO
UNDERSTAND THE PROCESS OF WATER AND SEWERAGE SYSTEMS AS WELL AS INFORMATION AND GUIDE LINES ON THE OPERATION
OF EQUIPMENT ASSOCIATED WITH THE PROCESS.

EPAW00518

INTERMEDIATE SEWAGE COURSE
AUTHOR(S): USN DATE: 69-05
SOURCE(S): USN TYPE(S): PM CATEGORIES: T O
SUBJECT AREAS: COST: 4.30 P LEVEL: 2 COPYRIGHT:
WASTEWATER CHARACTERISTICS COLLECTION SYSTEMS PUMPS SAMPLING
ANALYTICAL TECHNIQUES WASTEWATER TREATMENT
REMARKS AND ABSTRACT:
(NTTC COURSE NO. 216) 231PP.
THIS CORRESPONDENCE COURSE, COMPRISING THREE VOLUMES, IS INTENDED TO PROVIDE BASIC MATERIAL NECESSARY TO
UNDERSTAND THE PROCESSES OF WATER AND SEWERAGE SYSTEMS AS WELL AS INFORMATION AND GUIDE LINES ON THE OPERATION
OF EQUIPMENT ASSOCIATED WITH THE PROCESS.

EPAW00522

UNDERSTANDING INDUSTRIAL POLLUTION CONTROL PROGRAMMED INSTRUCTION MANUAL DATE: 74-08
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 20.50 LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (PLANT) SELF PACED INSTRUCTION WATER QUALITY MAINTENANCE
ENVIRONMENTAL CONTROL INDUSTRIAL WASTES SEDIMENTATION SLUDGE DISPOSAL
REMARKS AND ABSTRACT:
NO. 314-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS.
FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT
TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER."
INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW00523

PNEUMATIC TROUBLESHOOTING PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 20.50
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 74-02
SUBJECT AREAS:
EQUIPMENT (PLANT)
MAINTENANCE
HYDRAULICS
TROUBLESHOOTING
VALVES
REMARKS AND ABSTRACT:
NO. 310-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER". INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW00524

BASIC PNEUMATICS PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 20.50
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 74-10
SUBJECT AREAS:
EQUIPMENT (PLANT)
MAINTENANCE
PIPES
AIR LIFT PUMPS
AUTOMATIC CONTROL
VALVES
REMARKS AND ABSTRACT:
NO. 309-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON=THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW00525

WATER MANAGEMENT
AUTHOR(S): POWER MAG
STRAUSS S D
SOURCE(S): POWER MAG
COST: 7.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D E M P T
COPYRIGHT: C
DATE: 75-03
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
WATER QUALITY
WATER SUPPLY
SLUDGE CHARACTERISTICS
STEAM
INDUSTRIAL WASTES
FILTRATION
BACTERIA
REMARKS AND ABSTRACT:
128PP., AUTHOR: R. MARKS.
PART 1, "WATER", COVERS ALL PHASES OF WATER-SUPPLY PROBLEMS. PART 2, "WATER TREATMENT", COVERS BASIC TREATMENT OF CHEMISTRY, CHEMICALS, EQUIPMENT AND SYSTEMS FOR REMOVAL OF WATER IMPURITIES, WITH APPLICATION TO BOILER FEEDWATER REQUIREMENT OVER ENTIRE PRESSURE SPECTRUM OF STEAM GENERATION. PART 3, "WASTEWATER TREATMENT", TAKES A PRACTICAL LOOK AT POLLUTED INDUSTRIAL WALL, MICROBIOLOGY AND ANALYSIS; PRESENTS OVERVIEW OF METHODS FOR CORRECTION BEFORE DISCHARGE.

EPAM00526
MOTOR CONTROL PART 1 AND PART 2
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
MOTORS
COST: 2.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
A COMPREHENSIVE REVIEW OF MOTOR OPERATION. STARTING, ACCELERATING AND PROTECTING AC MOTORS. STARTING METHODS INCLUDE ACROSS-THE-LINE, PRIMARY RESISTANCE, AUTOTRANSFORMER, PART-WINDING AND WYE-DELTA. BASIC HOOKUPS AND FREQUENTLY USED PILOT DEVICES ARE DISCUSSED. CONTROL METHODS FOR ADJUSTABLE-SPEED DRIVES USING BOTH AC AND DC MOTORS. POWER AMPLIFIERS AND REGULATORS ARE DESCRIBED. CIRCUITS FOR JOGGING, INDEXING AND BRAKING ARE ALSO ILLUSTRATED AND EXPLAINED.

EPAM00528
MECHANICAL PACKING
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
PREVENTIVE MAINTENANCE
LUBRICATION
COST: 1.35 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
BASICS AND KNOW-HOW OF PACKING. SKETCHES, CURVES AND DETAILED ILLUSTRATIONS TELL YOU HOW A PACKING SEALS, HOW IT IS APPLIED, HOW TO PREVENT COSTLY ROD AND SHAFT WEAR.

EPAM00529
GASKETS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
PUMPS
MOTORS
COST: 1.35 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
20PP.
COVERS VARIOUS GASKET MATERIALS INCLUDING ASBESTOS, NATURAL AND SYNTHETIC RUBBER, NEOPRENE, KEL-F, PHENOLIC RESINS AND METALS. HOW TO LAY OUT, CUT, INSTALL GASKETS.

EPAM00530
PUMPS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
PUMPS
OKEEFE W
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0 0
COPYRIGHT:
DATE: 72-06
REMARKS AND ABSTRACT:
32PP.
AN INTRODUCTION TO PUMPS OF ALL CLASSES. IMPORTANT FACTS ABOUT INDUSTRIAL PUMPING IN EASY-TO-READ FORM.

EPAW00531
LUBRICANTS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
LUBRICATION
COST: 1.10 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16PP.
A COMPREHENSIVE REVIEW ON THE SELECTION OF LUBRICANTS. DISCUSSES ADDITIVES, MINERAL OILS, SYNTHETICS, HYDRAULIC FLUIDS, GREASES AND SOLID LUBES, AND HOW TO USE THEM.

EPAW00532
ELECTRICAL DISTRIBUTION PROTECTION
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
ELECTRIC POWER
SAFETY
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O D
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
32PP.
COMPREHENSIVE REVIEW OF ELECTRICAL DISTRIBUTION PROTECTION DEVICES--CIRCUIT BREAKERS, FUSES, REACTORS, ETC. CHARTS HELP SELECT THE BEST DEVICE FOR YOUR DISTRIBUTION SYSTEM.

EPAW00533
BALANCING ROTATING MACHINERY
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
EQUIPMENT (PLANT)
PREVENTIVE MAINTENANCE
COST: 1.35 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
24PP.
COMPREHENSIVE REVIEW OF BALANCING ROTATION MACHINERY. HOW TO MEASURE VIBRATION AND HOW TO CORRECT IT.

EPAW00535
SEWAGE WORKS OPERATION UNIT 1
AUTHOR(S): ROMHOVDE I N
SOURCE(S): TEXAS AM
SUBJECT AREAS:
CHLORINATION
SLUDGE DIGESTION
ACTIVATED SLUDGE
TRICKLING FILTERS
COLLECTION SYSTEMS
PRIMARY TREATMENT
COST: 1.67 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O
COPYRIGHT:
DATE: 68-00
REMARKS AND ABSTRACT:
63PP
INTRODUCTORY TEXT DESIGNED TO COMPLEMENT CLASSROOM INSTRUCTION. CHARACTERISTICS AND METHODS OF COLLECTING WASTEWATERS ARE PRESENTED, FOLLOWED BY A DISCUSSION OF THE MORE COMMON UNIT PROCESSES EMPLOYED IN PRIMARY AND SECONDARY TREATMENT. ADDITIONALLY, SOME CONSIDERATIONS OF ROUTINE TESTING AND SAFETY ARE PRESENTED.

EPAW00538

ATOMIC ABSORPTION
AUTHOR(S): EPA WPO
SOURCE(S): EPA2
SUBJECT AREAS:
CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 3
CATEGORIES: M
COPYRIGHT:
DATE: 69-00
ATOMIC ABSORPTION
UNIT: XT-26, 20 MIN TAPE, 52 SL, SCRIPT, BOOKLET: "ATOMIC ABSORPTION SPECTROSCOPY" (AN INTRO THEORETICAL DISCUSSION) THE BASIC THEORY OF ATOMIC ABSORPTION SPECTROSCOPY; THE DESIGN FUNDAMENTALS OF THE INSTRUMENTATION INVOLVED; KINDS OF INTERFERENCES THAT CAN BE ENCOUNTERED AND METHODS FOR ELIMINATING THOSE EFFECTS; METHODS FOR INCREASING SENSITIVITY AND THE APPLICATION OF ATOMIC ABSORPTION INSTRUMENTATION FOR THE ANALYSIS OF TRACE METALS IN WATER.

EPAW00539

CHEMICAL OXYGEN DEMAND
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
CHEMICAL OXYGEN DEMAND
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 3
CATEGORIES: M S
COPYRIGHT: C
DATE: 71-00
BIOCHEMICAL OXYGEN DEMAND
UNIT: XT-27, 17 MIN TAPE, 50 SL, SCRIPT, QUIZ, KEY.
AN INTRODUCTION TO THE CHEMICAL OXYGEN DEMAND (COD) PROCEDURE. ORDER OF TOPICS IS: BASIS OF TEST, HOW IT DIFFERS FROM THE BIOCHEMICAL OXYGEN DEMAND (BOD) TEST, POTASSIUM DICHROMATE AS AN OXIDIZING AGENT, USE OF BLANK AND REFLUX CONDENSERS, ROLE OF FERROUS AMMONIUM SULFATE AND FERROIN, ETC., SAMPLE PRESERVATION, APPLICATIONS OF TEST RESULTS AND COD/BOD RATIOS.

EPAW00540

DISSOLVED OXYGEN DETERMINATION
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
DISSOLVED OXYGEN
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 71-00
UNIT: XT-29, 15 MIN TAPE, 72 SL, SCRIPT, QUIZ, KEY.
SAMPLING TECHNIQUES; BASIC CHEMISTRY OF THE WINKLER DISSOLVED OXYGEN DETERMINATION AND THE ALSTERBERG AZIDE MODIFICATION; METHODS FOR THE ADDITION OF REAGENTS; SAMPLE PRESERVATION AND THE BASIC CALCULATIONS USED IN THE DETERMINATION. PHOTOS OF RELEVANT LABORATORY EQUIPMENT ARE INCLUDED.

EPAW00541

DETERMINATION OF PHENOLICS
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
PHENOLS
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 3
CATEGORIES: M
COPYRIGHT:
DATE: 71-00
BIOLOGICAL TREATMENT
TOXICITY TO FISH
UNIT: XT-28, 17 MIN TAPE, 64 SL, SCRIPT, QUIZ, KEY.
AN INTRODUCTION TO THE DETERMINATION OF PHENOLICS. DEFINES AND GIVES SOURCES AND USES OF PHENOLICS, BIOLOGICAL TREATMENT, EFFECTS ON FISH AND WATER QUALITY, THE 4-AMINOANTIPYRINE REACTION, SAMPLE PRESERVATION, PROCEDURE, INTERFERENCES AND REMEDIES.

DATE: 71-00

EPAW00542
DETERMINATION OF PHOSPHORUS
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
PHOSPHATES
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
REMARKS AND ABSTRACT:
UNIT: XT-44, 15 MIN TAPE, 65 SL, SCRIPT, QUIZ, KEY.
PRESENTS THE REASONS FOR DETERMINING PHOSPHORUS, AN EXPLANATION OF PHOSPHORUS TERMINOLOGY, AND THE OFFICE OF WATER PROGRAMS ANALYTICAL PROCEDURES. DISCUSSION OF PROCEDURE INCLUDES BASIC CHEMISTRY INVOLVED, SENSITIVITY RANGE, SAMPLE COLLECTION AND PRESERVATION, FILTRATION AND DIGESTION, PH, REAGENT PREPARATION, COLOR DEVELOPMENT AND SPECTROPHOTOMETRIC DETERMINATION, CARE OF GLASSWARE AND POSSIBLE INTERFERENCES.

DATE: 70-00

EPAW00543
LETS INVENTORY YOUR CHLORINE HANDLING PRACTICES
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
CHLORINE
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 1
CATEGORIES: O S
COPYRIGHT:
REMARKS AND ABSTRACT:
UNIT: XT-35, 32 MIN TAPE, 80 SL, SCRIPT.
DISCUSSION ON HANDLING ELEMENTAL CHLORINE. PRINCIPLE DIVISIONS OF INFORMATION ARE: PHYSICAL AND CHEMICAL CHARACTERISTICS OF CHLORINE, SAFETY REQUIREMENTS FOR SIX SEGMENTS OF TYPICAL CHLORINE FEED SYSTEMS, CHLORINE EMERGENCY PROCEDURES, IN-PLANT OPERATING PROCEDURES FOR SAFE HANDLING OF CHLORINE (15 ITEMS), AND SOURCES OF ADDITIONAL INFORMATION.

DATE: 71-00

EPAW00544
DISSOLVED OXYGEN ANALYSIS ACTIVATED SLUDGE CONTROL TESTING
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
ACTIVATED SLUDGE
DISSOLVED OXYGEN
SLUDGE CONDITIONING
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 3
CATEGORIES: M O S
COPYRIGHT:
REMARKS AND ABSTRACT:
UNIT: XT-43, 34 MIN TAPE, 73 SL, SCRIPT, SUPPL: LUDZACK, "DISSOLVED OXYGEN TESTING PROCEDURE," LESSON PLAN.
RAPID AND VALID TECHNIQUES ARE DESCRIBED FOR CONTROL OF THE ACTIVATED SLUDGE TREATMENT PROCESS USING ELECTRONIC MEASUREMENT OF DC AND DO CHANGES. SAMPLE DATA ARE DISCUSSED FOR INTERPRETATION OF SLUDGE CONDITION IN RESPONSE TO STABILIZATION, FEED, LOAD RATIO OR CONDITIONS. INFORMATION OBTAINABLE WITHIN 20 MINUTES PROVIDES SUGGESTED CORRECTIVE ACTION IN TIME TO UPGRADE EFFLUENT QUALITY.

DATE: 71-00

EPAW00545
OPERATIONAL CONTROL TESTS FOR ACTIVATED SLUDGE PROCESS PART 1
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
ACTIVATED SLUDGE
PHYSICAL ANALYSIS
PROCESS CONTROL
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 3
CATEGORIES: M O S
COPYRIGHT:
REMARKS AND ABSTRACT:
UNIT: XT-40, 16 MIN TAPE, 50 SL, SCRIPT.
PART ONE OF A THREE-PART LESSON SERIES ON OPERATIONAL CONTROL TESTS FOR THE ACTIVATED SLUDGE PROCESS. ENTITLED "OBSERVATIONS," THIS FIRST PART IS CONCERNED WITH THE ACCURATE READING OF METERS AND WITH THE VISUAL OBSERVATIONS TO BE MADE BOTH AT THE AERATOR (FOAM CHARACTERISTICS, SLUDGE COLOR AND ODOR) AND AT THE FINAL CLARIFIERS (CLARITY, EVIDENCES OF BULKING AND OF SEPTIC SOLIDS). PROVISIONAL INTERPRETATIONS TO BE MADE OF THESE VISUAL OBSERVATIONS ARE PRESENTED, AND ALSO A DETAILED DISCUSSION OF THE EFFECTIVE USE OF A SLUDGE BLANKET FINDER.

EPAWC0546

OPERATIONAL CONTROL TESTS FOR ACTIVATED SLUDGE PROCESS PART 2

AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
ACTIVATED SLUDGE
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 3
CATEGORIES: M O S
COPYRIGHT:
DATE: 71-00
PHYSICAL ANALYSIS
PROCESS CONTROL
CENTRIFUGATION

UNIT: XT-41, 17 MIN TAPE, 47 SL, SCRIPT.
PART TWO OF A THREE-PART LESSON SERIES ON OPERATIONAL CONTROL TESTS FOR THE ACTIVATED SLUDGE PROCESS. THIS PART IS A DETAILED DISCUSSION OF THE PREFERRED TECHNIQUES INVOLVED IN CONDUCTING SETTLOMETER TESTS TO DETERMINE SETTLING CHARACTERISTICS AND IN CENTRIFUGING SAMPLES TO DETERMINE THE CONCENTRATION OF THE MIXED LIQUOR AND RETURN SLUDGE. HANDLING THE RELATED SAMPLES IS INCLUDED ALONG WITH PROVISIONAL INTERPRETATIONS AND APPLICATIONS OF THE TESTS PRESENTED.

EPAWC0547

OPERATIONAL CONTROL TESTS FOR ACTIVATED SLUDGE PROCESS PART 3

AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
ACTIVATED SLUDGE
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 3
CATEGORIES: M
COPYRIGHT:
DATE: 71-00
TURBIDITY
DATA EVALUATION
PROCESS CONTROL

UNIT: XT-42, 22 MIN TAPE, 67 SL, SCRIPT.
PART THREE OF A THREE-PART LESSON SERIES ON OPERATIONAL CONTROL TESTS FOR THE ACTIVATED SLUDGE PROCESS. THIS CONCLUDING PART PRESENTS DEVELOPMENT OF SETTLING AND CONCENTRATION CURVES FROM SETTLOMETER AND CENTRIFUGE TEST RESULTS, TECHNIQUES FOR CONDUCTING TURBIDITY TESTS AS WELL AS THE SIGNIFICANCE OF TURBIDITY RESULTS, A SUMMARY OF ALL THE TESTS PRESENTED IN THE THREE-PART SERIES, THE CONTROL ADJUSTMENTS WHICH ARE MADE ON THE BASIS OF THESE TEST RESULTS, AND PROGRESSIVE TREND CHARTS OF PROCESS CHARACTERISTICS.

EPAWC0548

UPGRADING BIOLOGICAL TREATMENT

AUTHOR(S): EPA WPO
SOURCE(S): EPA2
SUBJECT AREAS:
BIOLOGICAL TREATMENT
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 3
CATEGORIES: D O S
COPYRIGHT:
DATE: 69-00
ACTIVATED SLUDGE
TRICKLING FILTERS
SECONDARY TREATMENT

UNIT: XT-25, 28 MIN. TAPE, 65 SL, SCRIPT.
DISCUSSES WAYS TO GET MAXIMUM USE OF PRESENT EXISTING SECONDARY TREATMENT PROCESSES BY IMPROVED OPERATIONAL CONTROL OR DESIGN. CASE HISTORIES OF HOW THE POLLUTIONAL STRENGTH OF AN ACTIVATED SLUDGE PLANT EFFLUENT WAS REDUCED TO ONE-QUARTER OF ITS FORMER STRENGTH AT ONE LOCATION; AND HOW TRICKLING FILTER PRETREATMENT WITH ACTIVATED SLUDGE POLISHING ACCOMPLISHED 99% REDUCTION FOR A COMBINATION OF DOMESTIC SEWAGE AND STRONG MEAT PACKING WASTES AT ANOTHER.

EPAW00549
ULTIMATE DISPOSAL TO THE ENVIRONMENT DATE: 71-00
AUTHOR(S): EPA TYPE(S): PM SL AC CATEGORIES: D S
SOURCE(S): EPA2 COST: 0.00 R LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ULTIMATE DISPOSAL SLUDGE DISPOSAL
REMARKS AND ABSTRACT:
UNIT: XT-30, 42 MIN TAPE, 37 SL, SCRIPT, REPRINTS: DEAN "ULTIMATE DISPOSAL...", EVANS "THE SOIL..."
POSSIBLE DISPOSAL SITES FOR LIQUID AND SOLID WASTES AND PRESENTED ALONG WITH POLLUTIONAL AND ECONOMIC FACTORS RELEVANT TO EACH. SLUDGE DISPOSAL AND THE USE OF SLUDGE FOR RECLAIMING MINE SPOIL AND OTHER LOW GRADE SOILS ARE CONSIDERED IN DETAIL WITH ON-SITE EXAMPLES OF THE METHODS CONSIDERED. USING A PERIODIC CHART, A SUMMARY OF DISPOSAL SITE CHOICES AND OF RE-USE POSSIBILITIES FOR COMMON ELEMENTS AND THEIR COMPOUNDS IS INCLUDED WITH SPECIAL EMPHASIS ON SUCESSFUL RECLAMATION OF WATER.

EPAW00550
GRAPHICAL ANALYSIS VIS NORMAL PROBABILITY PAPER DATE: 71-00
AUTHOR(S): EPA TYPE(S): PM SL AC CATEGORIES: M O S T
SOURCE(S): EPA2 COST: 0.00 R LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
GRAPHICAL METHODS STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
UNIT: XT-47, 18 MIN TAPE, 38 SL, PROB.INSTRUCTIONS, SOLNS, WORKSHEETS, (INDICATE NO. VIEWERS ON REQUEST FORMS).
VIEWERS ARE INTRODUCED TO GRAPHICAL ANALYSIS OF DATA FOR NORMAL DISTRIBUTION, USING NORMAL PROBABILITY PAPER ONLY. THEY ARE SHOWN HOW TO PLOT DATA ON NORMAL PAPER AND ASCERTAIN IF IT IS NORMAL, HOW TO ESTIMATE THE MEAN AND THE STANDARD DEVIATION FOR NORMAL DATA, AND HOW TO IDENTIFY WHY SOME NONLINEAR GRAPHS ARE NOT NORMAL.

EPAW00551
WHY A SAFETY PROGRAM IN EVERY WATER POLLUTION CONTROL WORKS DATE: 69-00
AUTHOR(S): EPA TYPE(S): PM SL AC CATEGORIES: O S
SOURCE(S): EPA2 COST: 0.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
UNIT: XT-39, 12 MIN TAPE, 27 SL, SCRIPT.
DEMONSTRATES THE NEED TO ESTABLISH AN EFFECTIVE SAFETY PROGRAM BY DISCUSSING SAFETY AS EFFICIENT OPERATIONS, KNOWLEDGE OF JOB REQUIREMENTS, GOOD RELATIONS WITH PUBLIC, EFFECTIVE COST CONTROL, GOOD EMPLOYEE RELATIONS AND GOOD MANAGEMENT. GIVES SOURCES FOR FURTHER INFORMATION.

EPAW00552
SAFETY PROGRAM GUIDE DATE: 69-00
AUTHOR(S): EPA TYPE(S): PM SL AC CATEGORIES: O S
SOURCE(S): EPA2 COST: 0.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
UNIT: XT-39, 20 MIN TAPE, 39 SL, SCRIPT.
A GUIDE FOR ESTABLISHING AN EFFECTIVE SAFETY PROGRAM INCLUDING THE ROLE OF MANAGEMENT, ORGANIZATION REQUIRED, RECORD-KEEPING, ACCIDENT INVESTIGATION AND EVALUATION PROCEDURES, CAUSES OF ACCIDENTS, PROTECTIVE EQUIPMENT REQUIRED, ESTABLISHING SAFETY RULES AND PROCEDURES, ELEMENTS OF EMPLOYEE TRAINING PROGRAMS AND SUGGESTIONS FOR MOTIVATING EMPLOYEES.

EPAW00553

MARGIN FOR SAFETY
AUTHOR(S): WPCF
SOURCE(S): EPA2
SUBJECT AREAS:
SAFETY
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 1
CATEGORIES: O S
COPYRIGHT: C
DATE: 70-00
REMARKS AND ABSTRACT:
UNIT: XT-31, 18 MIN TAPE, 45 SL, SCRIPT.
PROVIDING SAFE CONDITIONS FOR PERFORMANCE OF ROUTINE DUTIES IN WASTEWATER WORKS. INCLUDES DETAILED DISCUSSIONS OF THE IMPORTANCE OF GOOD HOUSEKEEPING, PREVENTING SLIPS OR FALLS, PERSONAL PROTECTIVE EQUIPMENT, AND DEALING WITH FIRE EXTINGUISHERS, MACHINERY WITH MOVING PARTS AND VEHICULAR TRAFFIC IN WORK AREAS. ALSO EMPHASIZES SAFETY ATTITUDES.

EPAW00554

SAFE WAY
AUTHOR(S): WPCF
SOURCE(S): WPCF
SUBJECT AREAS:
SAFETY
WASTEWATER TREATMENT PLANTS
COST: 11.50 P
TYPE(S): PM SL AC
LEVEL: 1
CATEGORIES: O S
COPYRIGHT: C
DATE: 70-00
NORMAL OPERATIONS
REMARKS AND ABSTRACT:
UNIT: XT-32, 14 MIN TAPE, 39 SL, SCRIPT.
PERFORMING ROUTINE DUTIES IN WASTEWATER WORKS IN A SAFE WAY. DUTIES CONSIDERED INVOLVE MANHOLES, ELECTRICAL EQUIPMENT, SAMPLING, CONTAMINATED WATER, AIR TOOLS, STEEP STAIRWAYS, VEHICULAR TRAFFIC, EXCAVATIONS, BAR SCREENS, WIRE ROPES, FLAMMABLE MATERIALS AND CHEMICALS.

EPAW00555

TAPE SLIDE PRESENTATIONS HOW TO MAKE THEM
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
VISUAL AIDS
COST: 0.00 R
TYPE(S): SL AC
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 70-00
REMARKS AND ABSTRACT:
UNIT: XT-45, 10 MIN TAPE, 80 SL.
HOW TO COMPILE A TAPE-SLIDE AUDIOVISUAL PRESENTATION--ALSO THE EQUIPMENT REQUIRED TO PRODUCE ONE. TOPICS INCLUDE STATISTICS ON THE EFFECTIVENESS OF COMBINING VISUAL MATERIALS AND SOUND, BASIC EQUIPMENT REQUIRED, FIVE STEPS TO PRODUCE A PROGRAM, INCORPORATING SOUND EFFECTS, ETC., GUIDELINES FOR PLANNING SLIDES, AND EQUIPMENT AVAILABLE FOR SPECIFIC USES OF THE FINISHED PROGRAM.

EPAW00556

RESIDUAL CHLORINE AND CHLORINE DEMAND
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
CHLORINATION
CHLORINE RESIDUAL
CHLORINE
COST: 0.00 R
TYPE(S): PM SL AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 74-03
REMARKS AND ABSTRACT:
UNIT: XT-37, 12 MIN TAPE, 56 SL, SCRIPT
BASIC PRINCIPLES OF CHLORINATION PRACTICES IN TREATMENT PLANTS, REACTIONS OF CHLORINE WITH WATER AND WASTEWATER, SANITARY SIGNIFICANCE OF CHLORINE RESIDUALS AND ANALYTICAL PROCEDURES FOR THE DETERMINATION OF CHLORINE AND CHLORINE RESIDUALS IN TREATMENT PLANT EFFLUENTS.

EPAW00557 DATE: 71-00
DETERMINATION OF CHEMICAL OXYGEN DEMAND
AUTHOR(S): EPA
SOURCE(S): EPA2 COST: 0.00 R TYPE(S): PM SL AC LEVEL: 2 CATEGORIES: M COPYRIGHT:
SUBJECT AREAS:
CHEMICAL OXYGEN DEMAND
REMARKS AND ABSTRACT:
UNIT: XT-48, 22 MIN TAPE, 80 SL, SCRIPT, "DISPOSAL OF MERCURY WASTES FROM WATER LABORATORIES," DEAN.
A BASIC PRESENTATION OF THE LABORATORY TECHNIQUE INVOLVED IN TEST PROCEDURES FOR ALL LEVELS OF COD. SEQUENCE OF TOPICS IS: METHOD SUMMARY, SAMPLE HANDLING AND PRESERVATION, INTERFERENCES, APPARATUS, PREPARATION OF REAGENTS, STEP-WISE PROCEDURE, EXAMPLE OF CALCULATIONS, AND TREATMENT OF MERCURY-CONTAINING TEST WASTES.

EPAW00558 DATE: 62-00
CRISIS ON THE KANAWHA
AUTHOR(S): ORSANCO FINLEY
SOURCE(S): FINLEY COST: 20.00 R TYPE(S): MP LEVEL: 1 CATEGORIES: E O P T COPYRIGHT: C
SUBJECT AREAS:
BIOLOGY WATER QUALITY SPILLS (OIL) ENVIRONMENTAL CONTROL
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
16MM, 22 MIN., COLOR; PURCHASE PRICE: $200.00
INDUSTRIAL WASTEWATER MANAGEMENT.

EPAW00598 DATE: 76-99
COAGULATION AND FLOCCULATION (OUT OF PRINT)
AUTHOR(S): BLACK A P
SOURCE(S): EPA R4A COST: 0.00 TYPE(S): VR LEVEL: CATEGORIES: COPYRIGHT:
SUBJECT AREAS:
COAGULATION FLOCCULATION
REMARKS AND ABSTRACT:
28 MIN., BLACK & WHITE.

EPAW00599 DATE: 76-99
ACTIVATED SLUDGE (OUT OF PRINT)
AUTHOR(S): MCKINNEY R
SOURCE(S): EPA R4A COST: 0.00 TYPE(S): VR LEVEL: CATEGORIES: COPYRIGHT:
SUBJECT AREAS:
ACTIVATED SLUDGE
REMARKS AND ABSTRACT:
20 MIN., BLACK AND WHITE.

EPAW00600
ATOMIC ABSORPTION HG (OUT OF PRINT) DATE: 76-99
AUTHOR(S): EPA TYPE(S): VR CATEGORIES:
SOURCE(S): EPA R4A COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
CHEMISTRY
REMARKS AND ABSTRACT:
10 MIN., BALCK & WHITE.

EPAW00601
OIL ANALYSIS I (OUT OF PRINT) DATE: 76-99
AUTHOR(S): EPA TYPE(S): VR CATEGORIES:
SOURCE(S): EPA R4A COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
OIL AND GREASE
REMARKS AND ABSTRACT:

EPAW00602
OIL ANALYSIS II (OUT OF PRINT) DATE: 76-99
AUTHOR(S): EPA TYPE(S): VR CATEGORIES:
SOURCE(S): EPA R4A COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
OIL AND GREASE
REMARKS AND ABSTRACT:

EPAW00603
ROBOT MONITORS (OUT OF PRINT) DATE: 76-99
AUTHOR(S): EPA TYPE(S): VR CATEGORIES:
SOURCE(S): EPA R4A COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
AUTOMATIC CONTROL MONITORING
REMARKS AND ABSTRACT:

EPAW00604
ENGINEERING HANDBOOK (OUT OF PRINT) DATE: 76-99
AUTHOR(S): USDA TYPE(S): PM CATEGORIES:
SOURCE(S): GPO COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
MANUALS ENGINEERING
REMARKS AND ABSTRACT:

EPAW00605
STUDY OF RESIDENTIAL WATER USE (CUT OF PRINT) DATE: 76-99
AUTHOR(S): LINAWEAVER TYPE(S): PM CATEGORIES:
SOURCE(S): GPO COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
WATER USE
REMARKS AND ABSTRACT:

EPAW00606
ENGINEMAN 1 AND C (CUT OF PRINT) DATE: 68-00
AUTHOR(S): USN TYPE(S): PM CATEGORIES:
SOURCE(S): GPO COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:

REMARKS AND ABSTRACT:

EPAW00607
USE AND HANDLING OF COMPRESSED GASES (OUT OF PRINT) DATE: 69-00
AUTHOR(S): LABOR DEPT TYPE(S): PM CATEGORIES:
SOURCE(S): GPO COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
GASES
REMARKS AND ABSTRACT:

EPAW00608
CONTROLLING CHEMICAL HAZARDS (OUT OF PRINT) DATE: 68-00
AUTHOR(S): LABOR DEPT TYPE(S): PM CATEGORIES:
SOURCE(S): GPO COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL) CHEMICALS
REMARKS AND ABSTRACT:

EPAW00609
WATER AND WASTEWATER TECHNOLOGY A SUGGESTED TWO YEAR POST HIGH SCHOOL CURRICULUM (OUT OF PRINT) DATE:
AUTHOR(S): HEW TYPE(S): PM CATEGORIES:
SOURCE(S): GPO COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
WASTEWATER TREATMENT INSTRUCTION CURRICULUM DEVELOPMENT
REMARKS AND ABSTRACT:

EPAW00610
PLUMBING HEATING AND AIR CONDITIONING JOB SHOP (OUT OF PRINT) DATE: 76-99
AUTHOR(S): WEAST TYPE(S): PM CATEGORIES: M
SOURCE(S): SBA COST: 0.00 LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITION
REMARKS AND ABSTRACT:

EPAW00613 DATE: 67-00
WATER REQUIREMENTS OF THE IRON AND STEEL INDUSTRY (OUT OF PRINT)
AUTHOR(S): WALLING
SOURCE(S): GPO
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WATER
REMARKS AND ABSTRACT:

EPAW00614 DATE: 67-00
RADIATION MONITORING A PROGRAMMED INSTRUCTION BOOK
AUTHOR(S): USERDA
WADE J E
SOURCE(S): USERDA
COST: 3.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E T M
COPYRIGHT:
SUBJECT AREAS:
RADIOACTIVITY
MONITORING
SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
APROGRAMMED INSTRUCTION BOOK; 2ND AUTH: CUNNINGHAM, G.E.
INFORMATION PERTINENT TO RADIATION MONITORING AS PRESENTED
IN SMALL STEPS CALLED FRAMES. THE BOOKLET IS COMPOSED OF
(1) THE PROGRAM PROPER (2) A SUPPLEMENT, AND (3) A FINAL TEST.

EPAW00615 DATE: 66-00
ATOMS NATURE AND MAN MADE RADIOACTIVITY IN THE ENVIRONMENT
AUTHOR(S): USERDA
HINES N O
SOURCE(S): USERDA
COST: 0.45
TYPE(S): PM
LEVEL: 2
CATEGORIES: E T
COPYRIGHT:
SUBJECT AREAS:
RADIOACTIVITY
ENVIRONMENTAL EFFECTS
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
DESCRIBES THE ENVIRONMENTAL INVESTIGATIONS THAT HAVE BEEN
CONDUCTED WITH THE AID OF THE ATOM SINCE THE FIRST ATOMIC DETONATION.
INVESTIGATIONS OF OUR ENVIRONMENT WITH ATOMIC TOOLS ARE DISCUSSED.

EPAW00616 DATE: 68-00
NATURAL RADIATION ENVIRONMENT
AUTHOR(S): USERDA
KASNER J
SOURCE(S): USERDA
COST: 0.45 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E T
COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL EFFECTS
RADIOACTIVITY
WATER QUALITY
SEDIMENTATION
RADIUM
BIOLOGY
REMARKS AND ABSTRACT:
DESCRIBES NATURAL RADIATION; WHERE IT COMES
FROM, HOW WE MEASURE IT, AND WHY IT HAS BEEN IGNORED.

EPAW00617
RADIOACTIVE WASTES
AUTHOR(S): USERDA
SOURCE(S): USERDA
SUBJECT AREAS:
ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
DISCUSSES THE NATURE AND SOURCES OF RADIOACTIVE WASTES. WASTE-MANAGEMENT RESEARCH AND ITS ROLE IN THE STUDY OF THE ENVIRONMENT IS ALSO DISCUSSED.
FOX C
COST: 0.45 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E T
COPYRIGHT:
DATE: 69-00
RADIOACTIVITY

EPAW00620
MATHEMATICS VOLUME 1 (OUT OF PRINT)
AUTHOR(S): USN
SOURCE(S): GPO
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 66-00

EPAW00621
ARITHMETIC FOR EVERYDAY LIFE (OUT OF PRINT)
AUTHOR(S): ARMED FORCES INST
SOURCE(S): GPO
SUBJECT AREAS:
ARITHMETIC
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 51-00

EPAW00622
ARITHMETIC FOR EVERYDAY LIFE LEVEL 6 TEXT (OUT OF PRINT)
AUTHOR(S): BECKMANN
SOURCE(S): GPO
SUBJECT AREAS:
ARITHMETIC
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00623
ARITHMETIC FOR EVERYDAY LIFE PART 4 WORKBOOK (OUT OF PRINT)
AUTHOR(S): BECKMANN
SOURCE(S): GPO
SUBJECT AREAS:
ARITHMETIC
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 58-00

EPAW00624
ARITHMETIC FOR EVERYDAY LIFE PART 4 INSTRUCTORS GUIDE (OUT OF PRINT)
AUTHOR(S): BECKMANN
SOURCE(S): GPO
SUBJECT AREAS:
ARITHMETIC
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00625
ARITHMETIC FOR EVERYDAY LIFE PART 5 TEXT (OUT OF PRINT)
AUTHOR(S): BECKMANN
SOURCE(S): GPO
SUBJECT AREAS:
ARITHMETIC
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00626
ARITHMETIC FOR EVERYDAY LIFE PART 5 WORKBOOK (OUT OF PRINT)
AUTHOR(S): BECKMANN
SOURCE(S): GPO
SUBJECT AREAS:
ARITHMETIC
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 55-00

EPAW00627
MATHEMATICS VOLUME 2 (OUT OF PRINT)
AUTHOR(S): USN
SOURCE(S): GPO
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 68-00

EPAW00629
ENGLISH AS A COMMUNICATION SKILL (OUT OF PRINT)
AUTHOR(S): BANER
SOURCE(S): GPO
SUBJECT AREAS:
TECHNICAL WRITING
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 65-00

EPAW00634
GETTING YOUR IDEAS ACROSS THROUGH WRITING (OUT OF PRINT)
AUTHOR(S): HEW
SOURCE(S): GPO
SUBJECT AREAS:
TECHNICAL WRITING
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 70-00

EPAW00635
LECTURE PREPARATION GUIDE (OUT OF PRINT)
AUTHOR(S): HEW
SOURCE(S): GPO
SUBJECT AREAS:
INSTRUCTION
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 66-00

EPAW00636
CHEMISTRY FOR THE SAFETY (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT: CHEMISTRY
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 68-00

EPAW00637
INSTRUCTOR INSTITUTE SAFETY IN INDUSTRY INSTRUCTOR OUTLINE (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 70-00

EPAW00638
MAKING HANDTOOLS WORK FOR YOU (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 65-00

EPAW00639
WHEN CAN YOU TRUST A LADDER (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 65-00

EPAW00640
CHALLENGE TO SUPERVISORS MAKING YOUNG WORKERS SAFE WORKERS (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 66-00

EPAW00641
WORKING SAFELY WITH SUBSTANCES THAT CAN EXPLODE AND BURN (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
COST: 0.00
TYPE(S): PM
DATE: 65-00
SUBJECT AREAS:
CHEMICALS
LEVEL:
CATEGORIES:
COPYRIGHT:
REMARKS AND ABSTRACT:
SAFETY (CHEMICAL)
SAFETY (FIRES)

EPAW00643
SIZING UP MACHINES FOR SAFETY (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
COST: 0.00
TYPE(S): PM
DATE: 65-00
SUBJECT AREAS:
SAFETY (MECHANICAL)
LEVEL:
CATEGORIES:
COPYRIGHT:
REMARKS AND ABSTRACT:

EPAW00644
GET YOUR LEGS IN THE ACT OF LIFTING (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
COST: 0.00
TYPE(S): PM
DATE: 76-99
SUBJECT AREAS:
SAFETY (MECHANICAL)
LEVEL:
CATEGORIES:
COPYRIGHT:
REMARKS AND ABSTRACT:

EPAW00646
SAFE WORKING SURFACES (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
COST: 0.00
TYPE(S): PM
DATE: 67-00
SUBJECT AREAS:
SAFETY
LEVEL:
CATEGORIES:
COPYRIGHT:
REMARKS AND ABSTRACT:

EPAW00647
PREVENTIVE MAINTENANCE FOR SAFETY (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
COST: 0.00
TYPE(S): PM
DATE: 67-00
SUBJECT AREAS:
PREVENTIVE MAINTENANCE
SAFETY
LEVEL:
CATEGORIES:
COPYRIGHT:
REMARKS AND ABSTRACT:

EPAW00648
JOB HAZARD ANALYSIS (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
COST: 0.00
TYPE(S): PM
DATE: 67-00
SUBJECT AREAS:
SAFETY
LEVEL:
CATEGORIES:
COPYRIGHT:
REMARKS AND ABSTRACT:

EPAW00649
ACCIDENT CAUSE ANALYSIS (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE'S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 65-00

EPAW00650
APPRAISING SAFETY PERFORMANCE (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 65-00

EPAW00651
HANDLING MATERIALS SAFELY (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 67-00

EPAW00654
ACCIDENT CAUSES (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 69-00

EPAW00656
SUPERVISORY RESPONSIBILITY FOR SAFETY (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 69-00

EPAW00657
ACCIDENT COST CONTROL (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 69-00

EPAW00660
SAFEGUARDING MACHINERY (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 69-00

EPAW00661
SAFETY TRAINING TECHNIQUES IN THE CLASSROOM (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
INSTRUCTION
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 70-00

EPAW00662
GOOD HOUSEKEEPING FOR A SUCCESSFUL SAFETY PROGRAM (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 69-00

EPAW00663
SAFE LIFTING (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 69-00

EPAW00665
MECHANICS FOR THE SAFETY MAN (OUT OF PRINT)
AUTHOR(S): LABOR DEPT
SOURCE(S): GPO
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 69-00

EPAW00666
LAYMANS GUIDE TO BASIC LAW UNDER THE NATIONAL LABOR RELATIONS ACT (OUT OF PRINT)
AUTHOR(S): NLRB
SOURCE(S): GPO
SUBJECT AREAS:
PERSONNEL
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 70-00

EPAWC0668
MAKING POSTERS FLASHCARDS AND CHARTS FOR EXTENSION TEACHING (OUT OF PRINT)
AUTHOR(S): POWER MAG
SOURCE(S): GPO
SUBJECT AREAS:
VISUAL AIDS
COST: 0.00
TYPE(S): PM
LEVEL:
REMARKS AND ABSTRACT:
CATEGORIES:
COPYRIGHT:
DATE: 68-00

EPAW00669
WATER AND WASTEWATER PUMP OPERATION (OUT OF PRINT)
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
PUMPS
COST: 0.00
TYPE(S): PM
LEVEL: 2
REMARKS AND ABSTRACT:
(NO. 1)
CATEGORIES: D
COPYRIGHT:
DATE: 76-99

EPAWC067C
WASTEWATER TREATMENT PLANT OPERATION MANUAL
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
OPERATIONS (WASTEWATER)
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
REMARKS AND ABSTRACT:
(NO. 2)
SUITABLE FOR INTERMEDIATE TRAINING PROGRAMS.
CATEGORIES: D
COPYRIGHT:
DATE: 76-99

EPAW00671
LABORATORY PROCEDURE FOR WASTEWATER ANALYSIS
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
REMARKS AND ABSTRACT:
(NO. 3)
SUITABLE FOR MID LEVEL TECHNICIAN TRAINING.
CATEGORIES: D
COPYRIGHT:
DATE: 76-99

EPAW00672
WASTEWATER AND WATER MATHEMATICS AND APPLIED FORMULAS
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
MATHEMATICS
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
REMARKS AND ABSTRACT:
(NO. 4)
PRACTICAL PROBLEMS FROM THE WASTEWATER FIELD.
CATEGORIES: T
COPYRIGHT:
DATE: 76-99

EPAW00673
GUIDE FOR DESIGN OF SMALL WASTEWATER PLANTS (OUT OF PRINT) DATE: 76-99
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI COST: 0.00 TYPE(S): PM CATEGORIES: O
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN WASTEWATER TREATMENT PLANTS
REMARKS AND ABSTRACT:
(NO. 4)

EPAW00674
BASIC HYDRAULICS FOR WASTEWATER PLANT OPERATORS DATE: 76-99
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI COST: 0.00 P TYPE(S): PM CATEGORIES: O
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
HYDRAULICS
REMARKS AND ABSTRACT:
(NO. 6)
HYDRAULICS FOR THE INTERMEDIATE OPERATOR.

EPAW00675
TERMS DEFINITIONS AND GLOSSARY FOR WASTEWATER FACILITIES DATE: 76-99
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI COST: 0.00 P TYPE(S): PM CATEGORIES: T
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
GLOSSARIES WASTEWATER TREATMENT PLANTS
REMARKS AND ABSTRACT:
(NO. 7)
GLOSSARY FOR THE WASTEWATER FIELD.

EPAW00676
MAINTENANCE AND PREVENTIVE MAINTENANCE FOR WASTEWATER FACILITIES DATE: 76-99
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI COST: 0.00 P TYPE(S): PM CATEGORIES: O
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
PREVENTIVE MAINTENANCE MAINTENANCE (WASTEWATER)
REMARKS AND ABSTRACT:
(NO. 8)
REVIEW OF MAINTENANCE PROCEDURES.

EPAW00677
WASTEWATER RECORDS AND REPORTS DATE: 76-99
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI COST: 0.00 P TYPE(S): PM CATEGORIES: S
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
REPORT WRITING
REMARKS AND ABSTRACT:
(NO. 9)
REVIEW OF RECORD AND REPORT PREPARATION IN A WASTEWATER PLANT.

EPAW00678
SEWAGE TREATMENT AND GARBAGE DISPOSERS
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
DISSOLVED SOLIDS
REMARKS AND ABSTRACT:
(NO. 10)
CONSIDERATION TO BE TAKEN INTO ACCOUNT WHEN ALLOWING GARBAGE DISPOSALS IN A SYSTEM.
COST: 0.00 P
WASTEWATER TREATMENT PLANTS
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 76-99

EPAW00679
ELECTRICITY AND ELECTRICAL EQUIPMENT USED IN WASTEWATER FACILITIES
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
(NO. 11)
OPERATION OF ELECTRICAL EQUIPMENT.
COST: 0.00 P
ELECTRIC POWER
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 76-99

EPAW00680
APPLIED HYDRAULICS FOR WATER AND WASTEWATER PLANT OPERATORS
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
HYDRAULICS
REMARKS AND ABSTRACT:
(NO. 12)
PRINCIPLES OF HYDRAULICS FOR PLANT OPERATIONS.
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 76-99

EPAW00681
LABORATORY PROCEDURES FOR BACTERIOLOGICAL EXAMINATION OF WATER
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
BACTERIAL ANALYSIS
REMARKS AND ABSTRACT:
(NO. 13)
TECHNIQUES OF BACTERIAL ANALYSIS.
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 76-99

EPAW00682
FUNDAMENTALS OF TREATMENT PLANT OPERATION OXIDATION DITCH
AUTHOR(S): NE NERWI
SOURCE(S): NE NERWI
SUBJECT AREAS:
OXIDATION DITCH
REMARKS AND ABSTRACT:
(NO. 14)
OPERATIONAL PROCEDURES FOR THE OXIDATION DITCH.
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 76-99

EPAW00683
WATER AND WASTEWATER POLYMERS POLYELECTROLYTE AIDS DATE: 76-99
AUTHOR(S): NE NERWI TYPE(S): PM CATEGORIES: 0
SOURCE(S): NE NERWI COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
POLYELECTROLYTES
REMARKS AND ABSTRACT:
(NO. 15)
USE OF POLYELECTROLYTES IN WATER AND WASTEWATER TREATMENT.

EPAW00684
OPERATION AND MAINTENANCE OF WASTE STABILIZATION LAGOONS AND PERSONNEL STRUCTURE FOR OTHER TYPES DATE: 76-99
AUTHOR(S): NE NERWI TYPE(S): PM CATEGORIES: 0
SOURCE(S): NE NERWI COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
STABILIZATION LAGOONS
REMARKS AND ABSTRACT:
(NO. 16)
DESCRIPTION OF HOW TO OPERATE AND MAINTAIN OXIDATION PONDS.

EPAW00685
WATER AND WASTEWATER PUMP MAINTENANCE DATE: 76-99
AUTHOR(S): NE NERWI TYPE(S): PM CATEGORIES: 0
SOURCE(S): NE NERWI COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
PUMPS
REMARKS AND ABSTRACT:
(NO. 17)
DESCRIPTION ON HOW TO MAINTAIN PUMPS.

EPAW00686
PAINTS FOR WASTEWATER TREATMENT PLANTS DATE: 76-99
AUTHOR(S): NE NERWI TYPE(S): PM CATEGORIES: 0
SOURCE(S): NE NERWI COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
PROTECTIVE COATINGS
REMARKS AND ABSTRACT:
(NO. 18)
PROCEDURES FOR USE OF PAINTS IN TREATMENT PLANTS.

EPAW00687
CENTRIFUGES DATE: 76-99
AUTHOR(S): NE NERWI TYPE(S): PM CATEGORIES: 0
SOURCE(S): NE NERWI COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
CENTRIFUGATION
REMARKS AND ABSTRACT:
(NO. 19)
OPERATION OF CENTRIFUGES

EPAWCC688
PUMP THEORY AND DESIGN APPLICATION DATE: 76-99
AUTHOR(S): NE NERWI TYPE(S): PM CATEGORIES: T D
SOURCE(S): NE NERWI COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
PUMPS DESIGN
REMARKS AND ABSTRACT:
(NO. 20)
THEORY OF PUMPS AND DESIGN APPLICATIONS.

EPAW00689
INSTRUCTION IN WASTEWATER MATHEMATICS FOR OPERATORS OF WASTEWATER TREATMENT PLANTS DATE: 76-99
AUTHOR(S): NE NERWI TYPE(S): PM CATEGORIES: T O
SOURCE(S): NE NERWI COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
(NO. 21)
PROBLEMS FOR OPERATORS RELATING TO PLANT OPERATIONS.

EPAWC069C
POLLUTION IN NEW ENGLAND SERIES A DATE: 76-99
AUTHOR(S): NEIWPCC TYPE(S): SL PM CATEGORIES: E
SOURCE(S): NEIWPCC COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
WATER QUALITY FILTRATION AQUATIC GROWTHS ALGAE
SPILLS (OIL) WASTEWATER TREATMENT PLANTS PRIMARY TREATMENT SECONDARY TREATMENT
SEDIMENTATION
REMARKS AND ABSTRACT:
ORDER SERIES A WITH ACCOMPANYING NARRATIVE, 100 SLIDES
PRESENTING THE PROBLEM OF POLLUTED WATERS WITHIN THE NEW ENGLAND AREA AND OFFERING ANSWERS AS TO
HOW WE CAN AFFECT A FUTURE CLEANUP JOB. IT IS IDEAL FOR CLASSROOM AND GENERAL AUDIENCES.

EPAW00691
STREAM POLLUTION SERIES B DATE: 76-99
AUTHOR(S): NEIWPCC TYPE(S): SL PM CATEGORIES: E
SOURCE(S): NEIWPCC COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
WATER CHARACTERISTICS AQUATIC ANIMALS AQUATIC PLANTS WATER QUALITY
SPILLS (OIL) SAMPLING TRICKLING FILTERS ANALYTICAL TECHNIQUES
ALGAE AQUATIC MICROBIOLOGY PRIMARY TREATMENT SECONDARY TREATMENT
STABILIZATION LAGOONS MONITORING
REMARKS AND ABSTRACT:
ORDER SERIES B WITH ACCOMPANYING NARRATIVE, 36 SLIDES
FOCUSING ON THE DIFFERENT WASTE MATERIALS DISCHARGED INTO OUR WATER, ACCENTING THE NEED TO END
POLLUTION. WELL SUITED FOR CLASSROOM AND GENERAL USE.

EPAW00692
WASTEWATER TREATMENT SERIES C DATE: 76-99
AUTHOR(S): NEIWPCC TYPE(S): SL PM CATEGORIES: O T
SOURCE(S): NEIWPCC COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:

PRIMARY TREATMENT	SEDIMENTATION	PUMPS	SCREENING AND GRINDING
SLUDGE DEWATERING	ANALYTICAL TECHNIQUES	SECONDARY TREATMENT	CHEMICAL TREATMENT
FILTRATION	ACTIVATED SLUDGE	CHLORINATION	FLOW MEASUREMENT
STABILIZATION LAGOONS	TERTIARY TREATMENT	SAFETY	

REMARKS AND ABSTRACT:
ORDER SERIES C WITH ACCOMPANYING NARRATIVE, 100 SLIDES.
FOCUSING ON THE TECHNICAL ASPECTS OF WASTEWATER TREATMENT. IT FEATURES PRIMARY AND SECONDARY FACILITIES AND INCLUDES SEGMENTS ON THE TRAINING OF PLANT OPERATORS AND ON SAFETY.

EPAW00694
POLLUTION DISPLAY (OUT OF PRINT) DATE: 76-99
AUTHOR(S): NEIWPCC TYPE(S): PM SL AC CATEGORIES:
SOURCE(S): NEIWPCC COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:

EPAW00700
BASIC GAS CHLORINATION WORKSHOP DATE: 74-02
AUTHOR(S): BORQUE TYPE(S): PM CATEGORIES: O M
SOURCE(S): ONTARIOMGS COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:

CHLORINATION	CHLORINE RESIDUAL	PREVENTIVE MAINTENANCE	CORRECTIVE MAINTENANCE
NORMAL OPERATIONS	EMERGENCY OPERATIONS		

REMARKS AND ABSTRACT:
THE MANUAL HAS MAJOR SECTIONS ON THEORY, SAFETY, EQUIPMENT AND CHLORINE TESTS. EACH SECTION HAS A LIST OF PERFORMANCE OBJECTIVES TO ASSIST TRAINEE AND INSTRUCTOR. SKETCHES AND PICTURES CLARIFY MANY OPERATION, MAINTENANCE AND SAFETY PROCEDURES.

EPAW00701
APPLIED HYDRAULICS FOR WATER AND SEWAGE PLANT OPERATORS (OUT OF PRINT) DATE: 76-99
AUTHOR(S): BURNS MCDONNEL TYPE(S): PM CATEGORIES:
SOURCE(S): BURNS COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
HYDRAULICS
REMARKS AND ABSTRACT:

EPAW00702 DATE: 74-02

BASIC GAS CHLORINATION WORKSHOP
AUTHOR(S): ONTARIOMGS
SOURCE(S): ONTARIOMGS COST: 2.00 P
TYPE(S): PM LEVEL: 2
CATEGORIES: M O
COPYRIGHT: C
SUBJECT AREAS:
CHLORINATION EQUIPMENT (PLANT) PROCESS CONTROL SAFETY (CHEMICAL)
CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
EACH CHAPTER PROCEEDED BY A LIST OF BEHAVIORAL OBJECTIVES.
A VERY DETAILED GUIDE TO ALL ASPECTS OF GAS CHLORINATION.

EPAW00703 DATE: 70-10

MATHEMATICS FOR WASTEWATER TREATMENT PLANT OPERATORS STUDY AID WORKBOOK
AUTHOR(S): CA WPCA BURTMAN L
SOURCE(S): CA WPCA COST: 4.50 P
TYPE(S): PM LEVEL: 1
CATEGORIES: M O
COPYRIGHT: C
SUBJECT AREAS:
ARITHMETIC STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
APPROX. 200PP, AUTH: DELANEY L H
DESIGNED AS HOME STUDY AID, ASSISTS OPERATORS TO OBTAIN CETIFICATION AS WASTEWATER TREATMENT PLANT OPERATORS IN CALIFORNIA. EMPHASIS ON WORK PROBLEMS WITH DETAILED EXPLANATIONS OF SOLUTIONS. SPECIAL SECTION DEVOTED TO GEOMETRY (UNITS, VOLUMES, AREAS, EQUIVALENTS). COVERS ARITHMETIC OPERATIONS (AND STATISTICS).

EPAW00709 DATE: 72-00

MEASUREMENT OF DISSOLVED OXYGEN AZIDE WINKLER PROCEDURE
AUTHOR(S): LAMB VESILING
SOURCE(S): UNIV NC COST: 0.00 R
TYPE(S): PM SL AC LEVEL: 2
CATEGORIES: M
COPYRIGHT:
SUBJECT AREAS:
OXYGEN ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:

EPAW00710 DATE: 68-00

TRACE INORGANICS IN WATER
AUTHOR(S): BAKER R A
SOURCE(S): ACS COST: 21.95 P
TYPE(S): PM LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
SUBJECT AREAS:
TRACE METALS INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
(NO. 73), 396PP.
TWENTY-ONE PAPERS DIVIDED INTO THREE GROUPS: RESEARCH REPORTS; ANALYTICAL DEVELOPMENTS INCLUDING ATOMIC ABSORPTION, FLAME EMISSION, AND NEUTRON ACTIVATION; AND BROAD REVIEWS, SUCH AS EFFECTS OF TRACE INORGANICS ON THE ICE-WATER SYSTEM AND THE ROLE OF HYDROUS MANGANESE AND IRON OXIDES ON FIXING METALS IN SOILS AND SEDIMENTS.

EPAW00711 DATE: 70-00

RADIONUCLIDES IN THE ENVIRONMENT
AUTHOR(S): FREILING E C
SOURCE(S): ACS
COST: 24.95
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
SUBJECT AREAS:
RADIOACTIVITY
REMARKS AND ABSTRACT:
(NO. 93), 529PP.
TWENTY-EIGHT PAPERS ON MECHANISMS OF RELEASE, ABSORPTION, UPTAKE, RETENTION, TRANSPORT PATTERNS, BEHAVIOR, MEASUREMENT AND CHARACTERISTICS, SPECIFIC ACTIVITY, AND PUBLIC ACTIVITY, AND PUBLIC HEALTH ASPECTS. ALSO DISCUSSED ARE NEW METHODS AND EQUIPMENT FOR CHARACTERIZING RADIOACTIVE PARTICLES, AND FALLOUT FROM SPECIFIC NUCLEAR WEAPONS.

EPAW00712 DATE: 71-00

ANAEROBIC BIOLOGICAL TREATMENT PROCESSES
AUTHOR(S): POHLAND F G
SOURCE(S): ACS
COST: 13.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T D O
COPYRIGHT: C
SUBJECT AREAS:
ANAEROBIC DIGESTION METHANE
REMARKS AND ABSTRACT:
(NO. 105), 196PP.
NINE PAPERS SURVEY THE STATE OF THE ART OF THIS NATURAL PROCESS FOR WASTE TREATMENT, WITH THREE PAPERS ON METHANE FERMENTATION, OTHERS ON PROCESS CONTROL AND DESIGN. CONSIDERS VOLATILE ACID FORMATION, TOXICITY, SYNERGISM, ANTAGONISM, PH CONTROL, HEAVY METALS, LIGHT METAL CATIONS, ENERGETICS AND KINETICS OF ANAEROBIC TREATMENT, AND PHASE SEPARATION BY DIALYSIS.

EPAW00713 DATE: 71-00

NONEQUILIBRIUM SYSTEMS IN NATURAL WATER CHEMISTRY
AUTHOR(S): HEM J D
SOURCE(S): ACS
COST: 20.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
SUBJECT AREAS:
CHEMISTRY SYSTEMS ANALYSIS AND MODELING PLANKTON MANGANESE
REMARKS AND ABSTRACT:
(NO. 106), 342PP.
THIRTEEN PAPERS ON METHODS OF ANALYSIS, MATHEMATICAL MODELS OF NATURAL FLOW AND PHYTOPLANKTON GROWTH, PRINCIPLES OF WATER POLLUTION CONTROL, SILICA VARIATION IN A RIVER, MANGANESE IDENTIFICATION BY ESR, DECOMPOSITION AND RACEMIZATION OF AMINO ACIDS, STRATIFIED LAKES, AND CHEMICAL PROCESSES IN A CARBONATE AQUIFER.

EPAW00714 DATE: 72-00

FATE OF ORGANIC PESTICIDES IN THE AQUATIC ENVIRONMENT
AUTHOR(S): FAUST S D
SOURCE(S): ACS
COST: 17.75 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
SUBJECT AREAS:
AGROCHEMICALS
REMARKS AND ABSTRACT:
(NO. 111), 280PP.
OCCURENCE, RECOVERY BY EXTRACTION, CONFIRMATION BY MASS SPECTROMETRY AND NMR, INTERACTION WITH PARTICLATES, SORPTION BY ORGANIC CLAYS, HERBICIDAL RESIDUES, PHOTODECOMPOSITION OF PICLORAM, CHEMICAL HYDROLYSIS AND OXIDATION OF DIAZINON, PARATHION AND PARAOXON, PERSISTENCE OF CARBAMATES, AND DEGRADATION OF CHLORINATED HYDROCARBONS.

EPAW00715
FLOW THROUGH POROUS MEDIA
AUTHOR(S): NUNGE R J
SOURCE(S): ACS
SUBJECT AREAS:
GROUNDWATER
COST: 14.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
DATE: 70-00
REMARKS AND ABSTRACT:
248PP.
ELEVEN PAPERS EXAMINE THE MOVEMENT OF MATERIAL IN AND THROUGH NATURAL AND MAN-MADE POROUS BEDS OF SOLIDS. DETERMINATION OF STRUCTURE, FLUID MOTION, ANISOTROPIC PERMEABILITY, DIFFUSION AND FLOW OF GASES, NON-NEWTONIAN FLOW, CAPILLARY ACTION, FLOW OF SUSPENSIONS, DISPERSION, AND REVERSE OSMOSIS.

EPAW00716
CHEMISTRY AND THE ENVIRONMENT
AUTHOR(S): JOSEPHS M J SANDERS H J
SOURCE(S): ACS
SUBJECT AREAS:
CHEMISTRY
COST: 6.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
DATE: 67-00
REMARKS AND ABSTRACT:
158PP.
THREE SPECIAL REPORTS ORIGINALLY PUBLISHED IN "CHEMICAL & ENGINEERING NEWS", 1964-67, ON THE SOLID EARTH, THE OCEANS, AND THE ATMOSPHERE. THE BOOK IS WRITTEN FROM THE SPECIAL PERSPECTIVE OF CHEMISTRY'S MAIN CONTRIBUTIONS TO UNDERSTANDING HOW THE EARTH WAS FORMED AND HOW IT IS CHANGING. WATER COLORS BY DON KINGMAN AND OIL PAINTINGS BY FRANK MULLINS.

EPAW00717
CLEANING OUR ENVIRONMENT THE CHEMICAL BASIS FOR ACTION
AUTHOR(S): ACS
SOURCE(S): ACS
SUBJECT AREAS:
AGROCHEMICALS
ENVIRONMENTAL CONTROL
COST: 2.75 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
DATE: 69-00
REMARKS AND ABSTRACT:
249PP.
A REPORT BY THE SUBCOMMITTEE ON ENVIRONMENTAL IMPROVEMENT. COMMITTEE ON CHEMISTRY AND PUBLIC AFFAIRS, ACS. EXAMINES NATURE AND SOURCES OF POLLUTANTS IN AIR, WATER, AND SOLID WASTES AND RECOMMENDS ACTION FOR EACH. PESTICIDES IN THE ENVIRONMENT ARE ALSO EXAMINED.

EPAW00718
CLEANING OUR ENVIRONMENT SUPPLEMENT
AUTHOR(S): ACS
SOURCE(S): ACS
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
COST: 1.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
DATE: 71-00
REMARKS AND ABSTRACT:
20PP.
A REPORT BY THE SUBCOMMITTEE ON ENVIRONMENTAL IMPROVEMENT.

EPAW00721 DATE: 76-99
CONTROL OF INFILTRATION AND INFLOW INTO SEWER SYSTEMS (OUT OF PRINT)
AUTHOR(S): APWA
SOURCE(S): GPO
SUBJECT AREAS:
SEWERS
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:

EPAW00722 DATE:
PREVENTION AND CORRECTION OF EXCESSIVE INFILTRATION AND INFLOWS INTO SEWER SYSTEMS A MANUAL (OUT OF PRI
AUTHOR(S): GPO
SOURCE(S): GPO
SUBJECT AREAS:
SEWERS
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:

EPAW00723 DATE: 76-99
ACTIVATED SLUDGE PLANT WITH VACUUM FILTRATION AND INCINERATION (OUT OF PRINT)
AUTHOR(S):
SOURCE(S): ARMY
SUBJECT AREAS:
ACTIVATED SLUDGE VACUUM FILTRATION INCINERATION
REMARKS AND ABSTRACT:
35MM, 8 MIN., BLACK & WHITE (OUT OF PRINT).
DESCRIBES THE PURPOSE AND OPERATIONAL PROCEDURES FOR THE INSTALLATION.
COST: 0.00
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:

EPAW00724 DATE: 76-99
AIR WATER AND INDUSTRY (OUT OF PRINT)
AUTHOR(S): USARCHIVES
SOURCE(S): NATL AVC
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM, 22 MIN., COLOR
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:

EPAW00726 DATE: 76-99
AQUATIC WEED CONTROL
AUTHOR(S): CHEVRON
SOURCE(S): CHEVRON
SUBJECT AREAS:
AQUATIC PLANTS
REMARKS AND ABSTRACT:
16MM, 17 MIN., COLOR.
STUDY OF THE WEED PROBLEMS THAT EXIST IN AMERICA'S WATERWAYS. SHOWN ARE CONVENTIONAL METHODS OF WEED CONTROL.
AS WELL AS THE MOST MODERN TECHNIQUES.
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT:

EPAW00727
AROUND A BIG LAKE
AUTHOR(S): FILM BUR
SOURCE(S): FILM BUR
SUBJECT AREAS:
LIMNOLOGY
ECOLOGY
COST: 15.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 62-06
REMARKS AND ABSTRACT:
16MM, 17 MIN., COLOR, SALE $195
TRACES THE EFFECT OF WEATHER THROUGH THE SEASONS ON THE ENVIRONMENTAL CONDITIONS AROUND A BIG LAKE.

EPAW00728
BETTER WATER FOR AMERICANS (OUT OF PRINT)
AUTHOR(S): MTP
SOURCE(S): MTP2
SUBJECT AREAS:
WATER TREATMENT
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:

EPAW00729
BIO PAC (OUT OF PRINT)
AUTHOR(S): LINK BELT
SOURCE(S): LINK BELT
SUBJECT AREAS:
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 13 MIN., COLOR

EPAW00730
CHANGING RIVER
AUTHOR(S): FILM BUR
SOURCE(S): FILM BUR
SUBJECT AREAS:
RIVERS
ENVIRONMENTAL CONTROL
COST: 12.50 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 63-11
REMARKS AND ABSTRACT:
16MM, 16 MIN., COLOR, SALE $195
DEALS WITH THE ECOLOGY OF A RIVER SYSTEM FROM ITS BEGINNINGS IN RAIN AND RUNOFF TO ITS END AS A HUGE, POWERFUL VOLUME OF WATER FLOWING INTO THE OCEAN. EMPHASIZES THE BIOLOGICAL RELATIONSHIPS BETWEEN LIVING ORGANISMS AND THEIR ENVIRONMENT.

EPAW00732
CLEAN AIR PURE WATER (OUT OF PRINT)
AUTHOR(S): CANADIAN INDUSTRIES
SOURCE(S): CAN IND
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM FILM, 10 MIN., BLACK AND WHITE
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00735
CLEAN CLEAR WATER
AUTHOR(S): J MANVILLE
SOURCE(S): J MANVILLE AWWA
SUBJECT AREAS:
FILTRATION
NORMAL OPERATIONS
REMARKS AND ABSTRACT:
16MM, 19 MIN, COLOR; AWWA RENTAL FEE - $3.00 (ORDER NO. F102).
COVERS ALL MAJOR ASPECTS OF DIATOMITE FILTRATION MEDIA, EQUIPMENT AND OPERATION.
COST: 0.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: D O T
COPYRIGHT:
DATE: 63-00

EPAW00736
COAL AND WATER
AUTHOR(S): ORSANCO
SOURCE(S): FINLEY
SUBJECT AREAS:
ACID MINE DRAINAGE
ENVIRONMENTAL CONTROL
INDUSTRIAL WASTES
WATER QUALITY
REMARKS AND ABSTRACT:
16MM, 23 MIN., CCLOR; PURCHASE PRICE: 020000P
COAL INDUSTRY POLLUTION AND METHODS OF PREVENTING ACID DRAINAGE AND BLACK WATER.
FINLEY
COST: 20.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E O P T
COPYRIGHT: C
DATE: 63-00

EPAW00737
CONSERVATION AND BALANCE IN NATURE
AUTHOR(S): FILM BUR
SOURCE(S): FILM BUR
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
CONSERVATION
REMARKS AND ABSTRACT:
16MM, 18 MIN., COLOR, SALE $225
INVESTIGATES THE BALANCE IN NATURAL ECOLOGICAL SYSTEMS
AS RELATED TO WHAT MAN IS DOING TO HIS ENVIRONMENT.
COST: 15.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: E
COPYRIGHT: C
DATE: 63-07

EPAW00738
CONSTRUCTING A TYPICAL HOUSEHOLD SYSTEM .
AUTHOR(S): NATL AVC
SCURCE(S): NATL AVC
SUBJECT AREAS:
SEPTIC TANKS
UNDERGROUND DISPOSAL
REMARKS AND ABSTRACT:
16MM, 14 MIN., BLACK & WHITE; TITLE NO. 000388; AGENCY NO. M-0050-C.
EXPLAINES PRINCIPLES AND PROCEDURES INVOLVED IN THE CONSTRUCTION AND MAINTENANCE OF A SEPTIC TANK AND
SUBSURFACE DISPOSAL SYSTEM, INCLUDING SITE INSPECTION AND LAYOUT, INSTALLATION OF THE SEPTIC TANK,
CONSTRUCTING TILE DRAINAGE FIELD, SANITARY INSPECTION, YEARLY MAINTENANCE. USER SHOULD SUPPLEMENT FILM
WITH CURRENT DATA.
COST: 25.50 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 52-00

EPAW00739
CRISES ON OUR RIVERS
AUTHOR(S): NY HES
SOURCE(S): NY HES
SUBJECT AREAS:
WATER QUALITY
REMARKS AND ABSTRACT:
16MM, 13 MIN., COLOR
GENERAL PRESENTATION OF WATER POLLUTION.
COST: 100.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 76-99

EPAW00741
EARTHS HUMAN SHORES
AUTHOR(S): ZIMPRO
SOURCE(S): ZIMPRO
SUBJECT AREAS:
SLUDGE DISPOSAL
REMARKS AND ABSTRACT:
16MM, 17 MIN., COLOR.
WET AIR OXIDATION DESCRIBED, AS USED TO RENDER SEWAGE SLUDGE STERILE, DEWATERIBLE, USEFUL AS SOIL AMENDMENT.
COST: 0.00 P
SLUDGE CONDITIONING
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 76-99

EPAW00742
ELEMENT THREE
AUTHOR(S): FILM BUR
SOURCE(S): FILM BUR
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM, 46 MIN., COLOR, SALE $450
CONTRASTING THE LYRICAL BEAUTY OF PURE WATER AND THE DEADLY ARIDITY
OF ITS ABSENCE, STRESSES THAT COOPERATION ON LOCAL, NA-
TIONAL, AND INTERNATIONAL LEVELS IS ESSENTIAL FOR A SENSIBLE CONTROL
AND DISTRIBUTION OF FRESH WATER RESOURCE.
COST: 25.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: E
COPYRIGHT: C
DATE: 68-09

EPAW00744
FACTORY BUILT OXIGEST INSTALLATION
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN AERATION
REMARKS AND ABSTRACT:
16 MM, 20 MIN, COLOR.
INFORMATION IS INCLUDED ON THE DESIGN FEATURES FOR THE FIELD ERECTED OXIGEST SYSTEMS MANUFACTURED BY THIS COMPANY.
COST: 0.00 R
ACTIVATED SLUDGE
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW00745
FACTORY BUILT PUMP STATION
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
16 MM, 20 MIN, COLOR.
THESE ITEMS ARE TO BE USED TO ASSIST THE DESIGN ENGINEER AS WELL AS OPERATIONS PERSONNEL IN THE USE OF THE FACTORY BUILT PUMP STATION.
COST: 0.00 R
PUMP STATIONS
TYPE(S): MP PM
LEVEL: 2
OPERATIONS
CATEGORIES: D O
COPYRIGHT: C
DATE: 76-99

EPAW00746
FIELD ERECTED OXIGEST INSTALLATION
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN
REMARKS AND ABSTRACT:
16 MM, 20 MIN, COLOR.
INFORMATION IS INCLUDED ON THE DESIGN FEATURES FOR THE FIELD ERECTED OXIGEST SYSTEMS MANUFACTURED BY THIS COMPANY.
COST: 0.00 R
AERATION
TYPE(S): MP
LEVEL: 2
ACTIVATED SLUDGE
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99

EPAW00748
GAMBLE (OUT OF PRINT)
AUTHOR(S): CAN TEX
SOURCE(S): CLAY PIPE
SUBJECT AREAS:
REMARKS AND ABSTRACT:
16MM, 16 MIN., COLOR
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW0075C
LIME THE VERSATILE CHEMICAL
AUTHOR(S): NLA
SOURCE(S): ALLIED NLA
SUBJECT AREAS:
CHEMICALS
REMARKS AND ABSTRACT:
16MM, 29 MIN., COLOR, SOUND; PURCHASE PRICE: $200.00 FROM NLA.
GLIMPSE OF THE LIME INDUSTRY AND COVERING THE DIFFERENCES BETWEEN LIME AND LIMESTONE. INCLUDES QUARRYING AND MINING PLUS CALCINING AND HYDRATING. DESCRIBES FUNCTIONS OF LIME PLUS MOST OF THE MAJOR USES.
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 76-00

EPAW00750 DATE: 71-00

GROUND WATER THE HIDDEN RESERVOIR
AUTHOR(S): GWC
SOURCE(S): GWC AWWA COST: 15.00 R
TYPE(S): MP CATEGORIES: E
LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
HYDROLOGY GROUNDWATER WATER RESOURCES WATER WELLS
REMARKS AND ABSTRACT:
16 MM, 18 MIN, COLOR, RENTAL FEE FROM AWWA - $3.00 (ORDER NO. F103)
PRESENTATION OF THE HYDROLOGIC CYCLE AND THE UNDERGROUND WATER TABLES IT CREATES. BY SHOWING THE NATURAL CYCLE, THE FILM PRESENTS A CLEAR PICTURE OF WHAT CONSTITUTES WATER SUPPLY AND HOW THIS MAY BE TAPPED -- NATURALLY (ARTESIAN WELLS, SPRINGS, GEISERS) OR ARTIFICIALLY (WELLS, MAN-MADE RESERVOIRS) -- INCLUDING THE THREAT OF SALT WATER PENETRATION TO COASTAL RESERVOIRS IF NATURAL WATER SUPPLIES ARE OVERTAXED.

EPAW00752 DATE: 76-99

GUARDIANS OF A TREASURE (OUT OF PRINT)
AUTHOR(S): PA DOH
SOURCE(S): PA DOH COST: 0.00
TYPE(S): MP CATEGORIES:
LEVEL: COPYRIGHT:
SUBJECT AREAS:

REMARKS AND ABSTRACT:
16MM, 14 MIN.,

EPAW00755 DATE: 76-99

HYDRAULIC SURFACE SKIMMER FEATURE
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE COST: 0.00 R
TYPE(S): MP CATEGORIES: D
LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
PRIMARY SEDIMENTATION WASTEWATER TREATMENT DESIGN
REMARKS AND ABSTRACT:
16 MM, 20 MIN, COLOR.
INFORMATION IS INCLUDED ON THE DESIGN FEATURES OF THE HYDRAULIC SURFACE SKIMMER MANUFACTURED BY THIS COMPANY.

EPAW00756 DATE: 76-99

ILL WINDS ILL WINDS (OUT OF PRINT)
AUTHOR(S): USARCHIVES
SOURCE(S): NATL AVC COST: 0.00
TYPE(S): MP CATEGORIES:
LEVEL: COPYRIGHT:
SUBJECT AREAS:

REMARKS AND ABSTRACT:
16MM, 28 MIN., BLACK & WHITE

EPAM00757
INFILTRATION AND SEWER SEALING (OUT OF PRINT)
AUTHOR(S): PENETRYN
SOURCE(S): PENETRYN
SUBJECT AREAS:
SEWERS
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAM00758
INSTALLATION OF CAST IRON PIPE (OUT OF PRINT)
AUTHOR(S): CIPRA
SOURCE(S): CIPRA
SUBJECT AREAS:
CAST IRON PIPES
REMARKS AND ABSTRACT:
16MM., 18 MIN., COLOR.
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAM00763
MADE FOR THE EARTH (OUT OF PRINT)
AUTHOR(S): PRICE BROS
SOURCE(S): PRICE BROS
SUBJECT AREAS:
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAM00764
MAINTENANCE OF FIELD ERECTED OXIGEST
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
16 MM, 20 MIN, COLOR.
INFORMATION IS INCLUDED FOR THE MAINTENANCE OF THE OXIGEST SYSTEMS MANUFACTURED BY THIS COMPANY.
COST: 0.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT: C
DATE: 76-99
ACTIVATED SLUDGE
AERATION
OPERATIONS

EPAM00765
MAINTENANCE OF PUMP STATION
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
16 MM, 20 MIN, COLOR.
INFORMATION IS INCLUDED ON THE MAINTENANCE FOR THE PUMP STATIONS MANUFACTURED BY THIS COMPANY.
COST: 0.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT: C
DATE: 76-99
PUMP STATIONS

EPAW00766
MANS PROBLEM (OUT OF PRINT)
AUTHOR(S): BRITANNICA
SOURCE(S): BRITANNICA
SUBJECT AREAS:
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

REMARKS AND ABSTRACT:
16MM FILM, 20 MIN., COLOR

EPAW00767
MANUFACTURE OF CAST IRON PRESSURE PIPE (OUT OF PRINT)
AUTHOR(S): CIPRA
SOURCE(S): CIPRA
SUBJECT AREAS:
CAST IRON PIPES
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM., 28 MIN., COLOR.

EPAW00770
MUNICIPAL SEWAGE TREATMENT PROCESSES
AUTHOR(S): NATL AVC
SOURCE(S): NATL AVC
SUBJECT AREAS:
DOMESTIC WASTEWATERS
EFFLUENTS
COST: 23.75 P
WASTEWATER TREATMENT
SEDIMENTATION
TYPE(S): MP
LEVEL: 2
PRETREATMENT
CATEGORIES: E
COPYRIGHT:
EQUIPMENT (PLANT)
DATE: 51-00
REMARKS AND ABSTRACT:
16MM, 13 MIN., BLACK & WHITE; TITLE NO. 002565; AGENCY NO. M-0006.
SHOWS THE EQUIPMENT AND EXPLAINS THE PROCESSES USED BY U.S. CITIES TO REDUCE SEWAGE TO HARMLESS EFFLUENT AND SOLIDS, THUS PROTECTING THE HEALTH OF RESIDENTS AND CONSERVING WATER RESOURCES.

EPAW00771
DETERMINATION OF TOTAL ORGANIC CARBON
AUTHOR(S): EPA
SOURCE(S): EPA2
SUBJECT AREAS:
ORGANIC CARBON
COST: 0.00 R
BIOCHEMICAL OXYGEN DEMAND
TYPE(S): PM SL AC
LEVEL: 3
CHEMICAL OXYGEN DEMAND
CATEGORIES: M
COPYRIGHT:
SAMPLING
DATE: 73-00
REMARKS AND ABSTRACT:
UNIT: XT-59, 13 MIN TAPE, 62 SL, SCRIPT.
USE OF A CARBONACEOUS ANALYZER TO DETERMINE ORGANIC MATERIALS IN WATER. TOPICS: BOD,COD, TOC TESTS DEFINED AND CONTRASTED, STEPS OF TOC DETERMINATION, FUNCTIONS OF INSTRUMENT COMPONENTS, INJECTION SYRINGE CHARACTERISTICS, SAMPLING AND PRESERVATION, STEPWISE PROCEDURE TO PREPARE AND USE A CALIBRATION GRAPH TO DETERMINE CARBON IN SAMPLES, SAMPLE PRETREATMENT, DISCUSSION OF TWO TYPES OF ANALYZERS AND CALCULATIONS USING DATA FROM EACH.

EPAW00773

NEW WATER FOR A THIRSTY WORLD
AUTHOR(S): CO BOR
SOURCE(S): CO BOR NATL AVC COST: 0.00 R TYPE(S): MP LEVEL: 1 CATEGORIES: E COPYRIGHT: DATE: 71-00
SUBJECT AREAS:
WATER RESOURCES DESALINATION
REMARKS AND ABSTRACT:
16MM, 22 MIN., OPTICAL SOUND, COLOR; PURCHASE PRICE: $109.50 FROM NATL AVC. (ALSO AVAIL FROM AWWA).
WHAT DEPARTMENT OF THE INTERIOR OFFICE OF WATER RESEARCH AND TECHNOLOGY HAS DONE TO CONVERT SEA BRACKISH WATER INTO USABLE FRESH WATER. TELLS OF SALINE WATER CONVERSION, ITS NEED, ITS WORKINGS, AND ITS FUTURE POTENTIAL.

EPAW00778

PIPELINES TO HEALTH
AUTHOR(S): J MANVILLE
SOURCE(S): J MANVILLE COST: 0.00 R TYPE(S): MP LEVEL: 2 CATEGORIES: O COPYRIGHT: C DATE: 64-00
SUBJECT AREAS:
PIPES ASBESTOS CEMENT PIPES SEWERS
REMARKS AND ABSTRACT:
16MM, 23 MIN., COLOR.
IMPORTANCE OF AN EFFICIENT SEWAGE SYSTEM. EXPLAINS THE IMPORTANCE OF PROPER PLANNING, INSTALLATION OPERATION AND MAINTENANCE REQUIRED FOR THE MAXIMUM EFFICIENCY. DEVELOPMENT OF ASBESTOS CEMENT IS HIGHLIGHTED.

EPAW00779

PIPLEINES TO THE FUTURE (OUT OF PRINT)
AUTHOR(S): REPUBLIC
SOURCE(S): REPUBLIC COST: 0.00 TYPE(S): MP LEVEL: CATEGORIES: COPYRIGHT: DATE: 76-99
SUBJECT AREAS:

REMARKS AND ABSTRACT:
16MM, 39 MIN., COLOR

EPAW00780

POLLUTION SOLUTION UNDERGROUND DISPOSAL WELLS
AUTHOR(S): FIBERCAST
SOURCE(S): FIBERCAST COST: 0.00 R TYPE(S): MP LEVEL: 2 CATEGORIES: D E P T COPYRIGHT: DATE: 76-99
SUBJECT AREAS:
DEEP WELLS HAZARDOUS POLLUTANTS ULTIMATE DISPOSAL UNDERGROUND DISPOSAL
REMARKS AND ABSTRACT:
16MM FILM, 13 MIN., COLOR; ALSO 8MM CARTRIDGES FOR FAIRCHILD PROJECTOR.
DESCRIBES BENEFITS OF UTILIZING UNDERGROUND, GEOLOGICAL FORMATIONS FOR THE DISPOSAL OF CHEMICAL WASTES.
DESCRIBES HOW A WASTEWATER DISPOSAL WELL IS CASED AND CEMENTED FROM THE SURFACE TO THE DISPOSAL FORMATION MANY HUNDREDS OF FEET INTO THE EARTH.

EPAW00781 DATE: 52-00
PRINCIPLES OF OPERATION AND DESIGN
AUTHOR(S): NATL AVC
SOURCE(S): NATL AVC COST: 17.50 P TYPE(S): MP LEVEL: 1 CATEGORIES: E D COPYRIGHT:
SUBJECT AREAS:
SEPTIC TANKS
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE-TITLE NO. 003138; AGENCY NO. M-0050-A.
EXPLAINS THE BASIC PRINCIPLES OF THE FUNCTION, DESIGN, AND LAYOUT OF SEPTIC TANKS FOR SEWAGE DISPOSAL SYSTEMS.
CONSISTS PICTORIALLY OF GRAPHICS AND MODELS. USER SHOULD SUPPLEMENT FILM WITH CURRENT DATA.

EPAW00782 DATE: 76-99
PURE AND SIMPLE (OUT OF PRINT)
AUTHOR(S): LINK BELT
SOURCE(S): LINK BELT COST: 0.00 TYPE(S): MP LEVEL: CATEGORIES: COPYRIGHT:
SUBJECT AREAS:

REMARKS AND ABSTRACT:
16MM, 19 MIN., COLOR

EPAW00783 DATE: 76-99
PURE WATER FROM WASTEWATER
AUTHOR(S): TAHOE
SOURCE(S): TAHOE COST: 10.00 R TYPE(S): MP LEVEL: 0 CATEGORIES: E COPYRIGHT:
SUBJECT AREAS:
WATER REUSE WASTEWATER DISPOSAL TERTIARY TREATMENT
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR, SOUND; PURCHASE:DENNY-WAGONER-WRIGHT, 4100 S.W. BARBUR BLVD., PORTLAND, OREGON 9720

EPAW00784 DATE: 62-00
RIVER WATCHERS
AUTHOR(S): ORSANCO
SOURCE(S): FINLEY FINLEY
COST: 30.00 R TYPE(S): MP LEVEL: 1 CATEGORIES: E M O P T COPYRIGHT: C
SUBJECT AREAS:
MONITORING ENVIRONMENTAL CONTROL
DOMESTIC WASTEWATERS WATER QUALITY
REMARKS AND ABSTRACT:
16MM, 20 MIN., COLOR; PURCHASE PRICE: 8309.41
ORSANCO'S ROBOT MONITOR SYSTEM AND STREAM SURVEILLANCE.

EPAW00786 DATE: 76-00
CLEAR VIEW GUIDE TO INDUSTRIAL POLLUTION CONTROL
AUTHOR(S): CANNON J
SOURCE(S): INFORM COST: 4.50 P TYPE(S): PM LEVEL: 1 CATEGORIES: E COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES ECONOMICS STATISTICAL DATA URBAN IMPACT
ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
HOW TO LOCATE AND USE MAJOR U.S. SOURCES OF CORPORATE, GOVERNMENTAL AND PUBLIC DATA ON FACTORY ENVIRONMENTAL IMPACT, EVALUATE A FACTORY'S POLLUTION CONTROL RECORD, AND DETERMINE AVAILABLE MEANS OF REDUCING FACTORY ENVIRONMENTAL POLLUTION AND COSTS OF ALTERNATIVES.

EPAW00788
SEWER CONSTRUCTION DATE: 65-00
AUTHOR(S): PCA TYPE(S): MP CATEGORIES: D
SOURCE(S): PCA COST: 8.00 R LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
SEWERS CONCRETE PIPES PLANT CONSTRUCTION
REMARKS AND ABSTRACT:
16MM, 18 MIN., COLOR; PURCHASE PRICE $110.
ILLUSTRATES PROPER PROCEDURES THROUGH EVERY PHASE OF A SEWER PROJECT, FROM STAKING OUT BY THE ENGINEER THROUGH FINAL COMPACTION OF BACKFILL. MANY ALTERNATE METHODS OF CONSTRUCTION ARE SHOWN WITH CONCRETE PIPE AND SEVERAL TYPES OF CONCRETE UNITS FOR MANHOLES. INCLUDES BOTH NEW AND CLASSICAL BEDDING METHODS, AND THE USE OF CONCRETE PIPE IN SIZES FROM 8-TO 72 INCH DIAMETER.

EPAW00789
SEWERS A HIDDEN COMMUNITY BENEFIT (OUT OF PRINT) DATE: 76-99
AUTHOR(S): PCA TYPE(S): MP CATEGORIES:
SOURCE(S): PCA COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
SEWERS
REMARKS AND ABSTRACT:
16MM, 17 MIN., COLOR

EPAW00790
SEWERS GUARDIAN OF COMMUNITY HEALTH (OUT OF PRINT) DATE: 76-99
AUTHOR(S): CAN TEX TYPE(S): MP CATEGORIES: M
SOURCE(S): CLAY PIPE COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
SEWERS
REMARKS AND ABSTRACT:
16MM, 26 MIN., COLOR

EPAW00791
SILENT THIEF (OUT OF PRINT) DATE: 76-99
AUTHOR(S): PA DOH TYPE(S): MP CATEGORIES:
SOURCE(S): PA DOH COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:

REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR

EPAW00792
SMITH AND LOVELESS NON CLOG SEWAGE PUMP DATE: 76-99
AUTHOR(S): SMITH LOVE TYPE(S): MP CATEGORIES: D
SOURCE(S): SMITH LOVE COST: 0.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
PUMPS DESIGN
REMARKS AND ABSTRACT:
16 MM, 20 MIN, COLOR.
INFORMATION IS INCLUDED ON THE DESIGN FEATURES FOR THE NON CLOG SEWAGE PUMP MANUFACTURED BY THIS COMPANY.

EPAW00793
SMITH AND LOVELESS SEWER TAP METHOD (OUT OF PRINT)
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE
SUBJECT AREAS:
SEWERS
REMARKS AND ABSTRACT:
16MM, 20., CCLOR
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00794
STREAM
AUTHOR(S): FILM BUR
SOURCE(S): FILM BUR
SUBJECT AREAS:
STREAMS
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR, SALE $165
THE TWO BASIC TYPES OF STREAM ENVIRONMENTS ARE EXAMINED THROUGH SEASONAL CHANGES.
COST: 12.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 62-06

EPAW00799
TREATMENT WAS SUCESSFUL BUT THE PATIENT DIED (OUT OF PRINT)
AUTHOR(S): US PUBLIC HEALTH
SOURCE(S): NATL AVC
SUBJECT AREAS:
REMARKS AND ABSTRACT:
16MM, 30 MIN., COLOR
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00800
CONSTRUCTION OF TRICKLING FILTERS
AUTHOR(S): NCSA
SOURCE(S): NCSA
SUBJECT AREAS:
TRICKLING FILTERS
REMARKS AND ABSTRACT:
16MM, 16 MIN., COLOR.
FILM SHOWS THE CRUSHED STONE RE-SCREENING OPERATION FOR REMOVAL OF SPALLS AT ONE TYPICAL JOB SITE AND SHOWS THE PLACING OF THE STONE ON THE TILE BED. FOR THIS PROJECT, VERY LITTLE HAND LABOR WAS REQUIRED FOR SATISFACTORY CONSTRUCTION.
COST: 0.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: D S
COPYRIGHT: C
DATE: 62-00

EPAW00801
TROUBLED WATER
AUTHOR(S): US SENATE PUBLIC WORKS COMM
SOURCE(S): NATL AVC COST: 95.25 P TYPE(S): MP LEVEL: 1 CATEGORIES: E COPYRIGHT: DATE: 66-00
SUBJECT AREAS:
RIVERS
WATER QUALITY
REMARKS AND ABSTRACT:
16MM, 28 MIN., COLOR; NARRATED BY HENRY FONDA; TITLE NO. 005802.
FOLLOWS THE PATH OF THE OHIO RIVER IN ORDER TO DOCUMENT THE SYMPTOMS AND SOLUTIONS TO THE NATIONAL PROBLEM OF WATER POLLUTION.

EPAWC0802
WATER
AUTHOR(S): MORTON SALT
SOURCE(S): MTPL COST: 0.00 R TYPE(S): MP LEVEL: 1 CATEGORIES: E COPYRIGHT: DATE: 76-99
SUBJECT AREAS:
WATER QUALITY
WATER REUSE
REMARKS AND ABSTRACT:
16 MM, 27 MIN, COLOR (CODE NO 3830).
EXPLORES BOTH THE ESTHETIC AND PRACTICAL USE OF WATER. IT ENCOURAGES ITS WISER USE AND REUSE. IT COVERS THE HYDROLOGIC CYCLE, WATER CHEMISTRY, POLLUTION, IRRIGATION, CONSERVATION, INDUSTRIAL AND DOMESTIC USE.

EPAWCC805
WATER FOR THE COMMONWEALTH (CUT OF PRINT)
AUTHOR(S): PA DOH
SOURCE(S): PA DOH COST: 0.00 TYPE(S): MP LEVEL: CATEGORIES: COPYRIGHT: DATE: 76-99
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM, 25 MIN., COLOR

EPAWCC8C8
KNOW YOUR RIVER BASIN (OUT OF PRINT)
AUTHOR(S): LWV
SOURCE(S): LWV COST: 0.00 TYPE(S): PM LEVEL: CATEGORIES: M COPYRIGHT: DATE: 76-99
SUBJECT AREAS:
RIVERS
REMARKS AND ABSTRACT:

EPAW00809
WHO PAYS FOR A CLEAN STREAM (OUT OF PRINT)
AUTHOR(S): LWV
SOURCE(S): LWV COST: 0.00 TYPE(S): PM LEVEL: CATEGORIES: M COPYRIGHT: DATE: 76-99
SUBJECT AREAS:
ECONOMICS
REMARKS AND ABSTRACT:

EPAW00810
FINANCIAL INCENTIVES TO INDUSTRY (OUT OF PRINT)
AUTHOR(S): LWV
SOURCE(S): LWV
SUBJECT AREAS:
ECONOMICS
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW00811
POPULATION PLUS PRODUCTION EQUALS POLLUTION (OUT OF PRINT)
AUTHOR(S): LWV
SOURCE(S): LWV
SUBJECT AREAS:
ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW00812
SO YOU D LIKE TO DO SOMETHING ABOUT WATER POLLUTION
AUTHOR(S): LWV
SOURCE(S): LWV
SUBJECT AREAS:
PUBLIC PARTICIPATION WATER QUALITY
REMARKS AND ABSTRACT:
PUB. NO. 155
THE CITIZEN'S ROLE IN REDUCING WATER POLLUTION--AS AN INDIVIDUAL AND A GROUP MEMBER. THE STEPS TO BE TAKEN INCLUDE INVESTIGATING THE SITUATION (THROUGH READING, INTERVIEWS, ETC.), DEFINING THE PROBLEMS, STUDYING ALTERNATIVE SOLUTIONS, AND WORKING FOR PUBLIC SUPPOR FOR THE ACTION PLAN SELECTED. INCLUDES LIST OF CONTACT GROUPS.
COST: 0.15 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 69-00

EPAW00813
GETTING SOMETHING DONE POLITICAL EFFECTIVENESS AND CONFERENCE TECHNIQUES
AUTHOR(S): LWV
SOURCE(S): LWV
SUBJECT AREAS:
PUBLIC PARTICIPATION PUBLIC RELATIONS INSTRUCTION
REMARKS AND ABSTRACT:
PUBLISHED BY LWV IN COOPERATION WITH SEARS-ROEBUCK FOUNDATION
HOW A CITIZENS GROUP CAN GAIN POLITICAL IMPACT: LEARN THE POWER STRUCTURE, GAIN BROAD SUPPORT, ORGANIZE MEMBERS AND SELECT EFFECTIVE LEADERSHIP, USE THE NEWS MEDIA. HOW A GROUP WITH A SPECIFIC GOAL CAN HANDLE OPPOSITION. CONFERENCE TECHNIQUES: ESTABLISHING GOALS, SPECIAL TECHNIQUES TO USE IN REACHING SOLUTIONS, PHYSICAL ARRANGEMENTS, AND EVALUATIONS
COST: 0.30 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 66-00

EPAW00821
PRIMER ON WASTEWATER TREATMENT (OUT OF PRINT)
AUTHOR(S): EPA
SOURCE(S): GPO
SUBJECT AREAS:
WASTEWATER TREATMENT
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00822
GROUND WATER AMERICAS PRICELESS RESOURCE
AUTHOR(S): GWC
SOURCE(S): GWC
SUBJECT AREAS:
WATER WELLS
REMARKS AND ABSTRACT:
16MM, COLOR, SOUND; PURCHASE PRICE $250.00.
COST: 15.00 R
TYPE(S): MP
LEVEL: 0
CATEGORIES:
COPYRIGHT:
DATE: 76-00

EPAW00823
PUBLIC BOND ISSUE CAMPAIGNS (OUT OF PRINT)
AUTHOR(S): PCA
SOURCE(S): PCA
SUBJECT AREAS:
ECONOMICS
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00824
FINANCING WATER AND SEWAGE WORKS
AUTHOR(S): PCA
SOURCE(S): PCA
SUBJECT AREAS:
ECONOMICS
WATER RATES
REMARKS AND ABSTRACT:
32PP. (NO. 064.046)
DISCUSSES GENERAL PRINCIPLES AND METHODS OF FINANCING, INCLUDING REVENUE BONDS; PRESENT PRACTICES AND RECOMMENDED PROCEDURES FOR RATE STRUCTURES; AND PUBLICITY AND PUBLIC RELATIONS.
COST: 1.38 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P S
COPYRIGHT:
DATE: 68-00

EPAW00825
EVERYDAY FACTS ABOUT GROUND WATER (OUT OF PRINT)
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
GROUNDWATER
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00826
YOU CAN HELP KEEP AIR AND WATER CLEAN (OUT OF PRINT)
AUTHOR(S): EXXON
SOURCE(S): EXXON
SUBJECT AREAS:
PUBLIC PARTICIPATION
REMARKS AND ABSTRACT:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW00828

COMMUNITY ACTION PROGRAM FOR WATER POLLUTION CONTROL
AUTHOR(S): NAC
SOURCE(S): NAC
COST: 1.00 P
TYPE(S): PM
LEVEL: 2
DATE: 76-99
CATEGORIES: M
COPYRIGHT:
SUBJECT AREAS:
PUBLIC PARTICIPATION
WASTEWATER TREATMENT PLANTS
ADMINISTRATIVE AGENCIES
PLANNING
COSTS
PUBLIC RELATIONS
LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
CONTAINS ACTION GUIDES ON PLANNING, ADMINISTERING, FINANCING AND STAFFING WASTEWATER TREATMENT FACILITIES. DISCUSSES ISSUES INVOLVED IN AREAWIDE WATER POLLUTION CONTROL AND ALTERNATIVE ORGANIZATIONAL STRUCTURES. DESCRIBES TECHNIQUES FOR GENERATING PUBLIC SUPPORT FOR WATER POLLUTION CONTROL PROGRAMS.

EPAW00829

RECOMMENDED STANDARDS FOR WATER WORKS TEN STATE STANDARDS
AUTHOR(S): NY HES
SOURCE(S): NY HES
COST: 1.35 P
TYPE(S): PM
LEVEL: 3
DATE: 72-00
CATEGORIES: D
COPYRIGHT: C
SUBJECT AREAS:
WATER TREATMENT PLANTS
FLOCCULATION
SEDIMENTATION
RAPID SAND FILTERS
DISINFECTION
STANDARDS
COAGULATION
ADMINISTRATIVE AGENCIES
REMARKS AND ABSTRACT:
103 PP.
SETS FORTH POLICIES FOR THE REVIEW AND APPROVAL OF PLANS AND SPECIFICATIONS FOR PUBLIC WATER SUPPLIES. THESE ARE REPORTS OF THE COMMITTEES OF THE GREAT LAKES-UPPER MISSISSIPPI RIVER BOARD OF STATE SANITARY ENGINEERS.

EPAW00830

RECOMMENDED STANDARDS FOR SEWAGE WORKS TEN STATE STANDARDS
AUTHOR(S): NY HES
SOURCE(S): NY HES
COST: 1.35 P
TYPE(S): PM
LEVEL: 3
DATE: 76-99
CATEGORIES: D
COPYRIGHT:
SUBJECT AREAS:
WASTEWATER TREATMENT PLANTS
PRIMARY SEDIMENTATION
STABILIZATION LAGOONS
AEROBIC TREATMENT
SECONDARY SEDIMENTATION
DISINFECTION
ACTIVATED SLUDGE
SCREENING AND GRINDING
SLUDGE DIGESTION
TRICKLING FILTERS
GRIT REMOVAL
COLLECTION SYSTEMS
REMARKS AND ABSTRACT:
160PP.
SETS FORTH POLICIES FOR THE REVIEW AND APPROVAL OF PLANS AND SPECIFICATIONS FOR SEWAGE COLLECTION AND TREATMENT. THESE ARE REPORTS OF THE COMMITTEES OF THE GREAT LAKES-UPPER MISSISSIPPI RIVER BOARD OF STATE SANITARY ENGINEERS.

EPAW00831

MUNICIPAL SEWERAGE SERVICE CONTRACTS
AUTHOR(S): NY HES
SOURCE(S): NY HES
COST: 1.00 P
TYPE(S): PM
LEVEL: 3
DATE: 76-99
CATEGORIES: L P
COPYRIGHT: C
SUBJECT AREAS:
COLLECTION SYSTEMS
SEWERS
ADMINISTRATIVE AGENCIES
COSTS
REMARKS AND ABSTRACT:
36PP.
THIS IS A CHECKLIST DESIGNED TO AID IN THE DEVELOPMENT AND DRAFTING OF MUNICIPAL SEWERAGE SERVICE CONTRACTS. ITS INTENT IS TO SUGGEST CONSIDERATIONS THAT SHOULD BE LOOKED INTO AND LOCALLY RESOLVED. IT NEITHER GIVES NOR PURPORTS TO GIVE SPECIFIC GUIDANCE FOR SOLVING AND PARTICULAR CONTRACTUAL PROBLEM.

EPAW00832
INDUSTRIAL WASTEWATER DISCHARGES A PURE WATERS GUIDELINE DATE: 76-99
AUTHOR(S): NY HES TYPE(S): PM CATEGORIES: M P
SOURCE(S): NY HES COST: 1.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
ANALYTICAL TECHNIQUES INDUSTRIAL WASTES PLANNING PLANT PERFORMANCE
EFFLUENTS
REMARKS AND ABSTRACT:
56PP.
THIS GUIDE PROVIDES THE BASIS FOR ESTABLISHING A PRACTICABLE TESTING AND ANALYSIS PROGRAM ON ANY DISCHARGE FROM A KNOWN INDUSTRY. IT IS DESIGNED FOR USE BY HEALTH DEPARTMENT FIELD ENGINEERS, AND INDUSTRIAL EXECUTIVES, PLANT SUPERINTENDENTS, ENGINEERS AND CHEMISTS.

EPAW00833
LABORATORY PROCEDURES FOR WASTEWATER TREATMENT PLANT OPERATORS DATE: 76-99
AUTHOR(S): GILCREAS F W NY DEPT OF HEALTH TYPE(S): PM CATEGORIES: M
SOURCE(S): NY HES COST: 1.25 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
ANALYTICAL TECHNIQUES DATA EVALUATION
REMARKS AND ABSTRACT:
142PP.
LABORATORY TECHNIQUES ADAPTED TO GOVERNING OPERATIONAL ACTIVITIES. THE MANUAL IS INTENDED PRIMARILY FOR USE IN COURSES FOR WASTEWATER TREATMENT PLANT OPERATORS, BUT SHOULD BE A HELPFUL REFERENCE FOR ALL THOSE ENGAGED IN THE ANALYSIS OF SEWAGE SAMPLES.

EPAW00834
DESIGN OF SMALL WATER SYSTEMS DATE: 76-99
AUTHOR(S): SALVATO J A TYPE(S): PM CATEGORIES: D
SOURCE(S): NY HES COST: 1.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
WATER TREATMENT PLANTS WATER TREATMENT DESIGN
REMARKS AND ABSTRACT:
28PP.
FOR WATER PLANTS CAPABLE OF SUPPLYING 15,000 TO 200,000 GPD.

EPAW00837
HANDBOOK OF CHLORINATION DATE: 76-99
AUTHOR(S): WHITE G C TYPE(S): PM CATEGORIES: T
SOURCE(S): VAN NOSTRA COST: 37.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
CHLORINATION CHLORINE RESIDUAL
REMARKS AND ABSTRACT:
752PP., 173 ILLUS.
DESCRIBES IN DETAIL THE MODERN TECHNOLOGY OF APPLYING VARIOUS FORMS OF CHLORINE IN TREATING POTABLE WATER SUPPLIES, WASTEWATER, SWIMMING POOLS, COOLING WATER, AND INDUSTRIAL PROCESS WATER. YOU ARE PROVIDED WITH THE CHEMISTRY OF EACH OF THESE APPLICATIONS, ALONG WITH PRACTICAL METHODS FOR CHLORINE RESIDUAL MEASUREMENT. COVERS DIVERSE AREAS OF THE TECHNOLOGY, INCLUDING VARIOUS APPLICATIONS OF CHLORINE: DESIGN OF AN EFFICIENT CHLORINATION FACILITY FOR EACH APPLICATION; MAINTENANCE & OPERATION OF THESE FACILITIES; COMPARISONS OF CHLORINE WITH OTHER CHEMICALS USED FOR SIMILAR PURPOSES.

EPAW00838

ADVANCED WASTEWATER TREATMENT
AUTHOR(S): CULP R L
SOURCE(S): VAN NOSTRA
SUBJECT AREAS:
TERTIARY TREATMENT
FILTRATION
REMARKS AND ABSTRACT:
CULP G L
COST: 0.00 P
NUTRIENT REMOVAL
OZONATION
TYPE(S): PM
LEVEL: 3
ACTIVATED CARBON
SLUDGE TREATMENT
DATE: 71-00
CATEGORIES: D T O S
COPYRIGHT: C
CHEMICAL TREATMENT
PROCESS CONTROL

310PP.
DESCRIBES BENEFITS AND GOALS OBTAINED BY EMPLOYING THE MORE COMMON AWT PROCESSES. LARGE AMOUNT OF DATA AND INFORMATION FROM THE SOUTH LAKE TAHOE PLANT INCLUDED. THE CHAPTER ON OTHER METHODS INCLUDES REVERSE OSMOSIS, ION EXCHANGE AND OZONATION. PROCESS CONTROL IS EMPHASIZED THROUGHOUT AND OPERATOR TRAINING REQUIREMENTS FOR AWT ARE DISCUSSED. VERY PRACTICAL, SUITABLE FOR ADVANCED OPERATORS.

EPAW00839

AEROBIC BIOLOGICAL TREATMENT OF WASTE WATERS PRINCIPLES AND PRACTICE
AUTHOR(S): BUSCH A W
SOURCE(S): OLIGODYNAM
SUBJECT AREAS:
AEROBIC TREATMENT
ORGANIC CARBON
REMARKS AND ABSTRACT:
COST: 30.00 P
BIOLOGICAL TREATMENT
BIOCHEMICAL OXYGEN DEMAND
TYPE(S): PM
LEVEL: 2
ACTIVATED SLUDGE
AERATION
DATE: 71-05
CATEGORIES: D O T
COPYRIGHT: C
BIODEGRADATION
SEDIMENTATION

MONOGRAPH ON AEROBIC BIOLOGICAL OXIDATION OF ORGANIC CARBON AS A PROCESS DESIGN PROBLEM CONTRASTED TO PLANT DESIGN. EXPLAINS AND ILLUSTRATES HOW ALL ASPECTS OF THE AEROBIC BIOLOGICAL REACTION ARE RELATED. THE CONTINUUM REPRESENTED BY THE BOD BOTTLE AS ONE EXTREME AND ACTIVATED SLUDGE AS THE OTHER IS SHOWN TO BE DESCRIBED BY THE SAME SIMPLE STOICHIOMETRY. REACTION KINETICS AND HYDRAULIC FLOW PATTERNS ARE DISCUSSED.

EPAWC084C

APPLIED STREAM SANITATION
AUTHOR(S): VELZ C J
SOURCE(S): WILEY
SUBJECT AREAS:
STREAMS
REMARKS AND ABSTRACT:
COST: 31.25 P
ENVIRONMENTAL CONTROL
TYPE(S): PM
LEVEL: 3
DATE: 70-00
CATEGORIES: T
COPYRIGHT:

(ORDER NO O 471 90525-9), 619 PP.
APPLIES THE FUNDAMENTALS OF STREAM SANITATION TO THE COMPLEX PROBLEMS OF WASTE DISPOSAL AND WATER QUALITY CONTROL. EXTEND THE APPROACH BEYOND THE TREATMENT OF WASTE WATERS TO A MORE SOPHISTICATED SYSTEM OF MUTLIPLE LINES OF ACTION, BOTH DEFENSIVE (DIRECTED AGAINST ALL SOURCES OF MAN-MADE WASTE) AND OFFENSIVE (ORIENTED TOWARD FULLER UTILIZATION OF THE TOTAL WATER RESOURCES AVAILABLE).

EPAW00841

AQUATIC CHEMISTRY AN INTRODUCTION EMPHASIZING CHEMICAL EQUILIBRIUM IN NATURAL WATERS
AUTHOR(S): STUMM W
SOURCE(S): WILEY
SUBJECT AREAS:
CHEMISTRY
REMARKS AND ABSTRACT:
MORGAN J J
COST: 35.00 P
WATER CHARACTERISTICS
TYPE(S): PM
LEVEL: 3
DATE: 70-00
CATEGORIES: T M
COPYRIGHT: C

583PP., CLOTH BOUND; $15.75 PAPER BOUND.
FOR STUDENTS AND PROFESSORS OF WATER CHEMISTRY, OCEANOGRAPHY AND SANITATION; WATER POLLUTION CONTROL ENGINEERING; SANITARY ENGINEERS; ENVIRONMENTAL ENGINEERS. A THEORETICAL BASIS FOR THE CHEMICAL BEHAVIOR OF OCEAN WATERS, RIVERS, LAKES, GROUND WATERS AND SOIL-WATER SYSTEMS. SIMPLIFIED MODELS ILLUSTRATE THE PRINCIPLE REGULATORY FACTORS THAT CONTROL THE CHEMICAL COMPOSITION OF NATURAL WATERS. SETS GUIDELINES FOR THE MODIFICATION AND MANIPULATION OF THE AQUATIC ENVIRONMENT TO IMPROVE ITS QUALITY.

EPAW00842
AS WE LIVE AND BREATHE THE CHALLENGE OF OUR ENVIRONMENT DATE: 71-08
AUTHOR(S): NATL GEOG TYPE(S): PM CATEGORIES: E
SOURCE(S): NATL GEOG COST: 4.75 P LEVEL: O COPYRIGHT: C
SUBJECT AREAS:
ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
AN ACCOUNT OF THE IMPACT OF MAN ON THE EARTH AND HIS EFFORTS TO RESTORE AND PRESERVE NATURE'S BALANCE.

EPAW00843
BEHAVIOR OF ORGANIC CHEMICALS IN THE AQUATIC ENVIRONMENT (CUT OF PRINT) DATE: 66-00
AUTHOR(S): RYCKMAN D W BUZZELL J C JR TYPE(S): PM CATEGORIES:
SOURCE(S): MCA COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
CHEMICAL REACTIONS
REMARKS AND ABSTRACT:

EPAW00844
ENVIRONMENTAL LITERATURE DATE: 73-00
AUTHOR(S): BENNETT G F BENNETT J C TYPE(S): PM CATEGORIES: D E L P T
SOURCE(S): NOYES COST: 18.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
WASTEWATER TREATMENT ENVIRONMENTAL CONTROL CONSERVATION HYDROLOGY
MICROBIOLOGY INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
134PP.
DEALS WITH ALL ASPECTS OF POLLUTION AND POLLTUION CONTROL, IT BEING A BIBLIOGRAPHY OF BOOKS, PAMPHLETS, JOURNALS (BUT NOT OF JOURNAL ARTICLES), AND OF SOME AUDIO-VISUAL AIDS IN A FIELD THAT IS NOW EUPHEMISTICALLY NAMES "ENVIRONMENTAL." INCLUDES ABSTRACTS OF MEETINGS AND SYMPOSIUM PROCEEDINGS.

EPAW00847
BIOLOGICAL WASTE TREATMENT (OUT OF PRINT) DATE: 70-99
AUTHOR(S): CANALE R P TYPE(S): PM CATEGORIES:
SOURCE(S): WILEY COST: 9.50 P LEVEL: COPYRIGHT:
SUBJECT AREAS:
BIOLOGICAL TREATMENT
REMARKS AND ABSTRACT:
(CUT OF PRINT)

EPAW00848
BIOLOGY AND WATER POLLUTION CONTROL DATE: 71-01
AUTHOR(S): WARREN C E TYPE(S): PM CATEGORIES: T
SOURCE(S): SAUNDERS COST: 11.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
WATER QUALITY BIOLOGICAL ANALYSIS BIOLOGY
REMARKS AND ABSTRACT:
(CODE NO 9120-X), 434 PP, 128 FIGURES.
DESCRIBES THE BIOLOGICAL PRINCIPLES UNDERLYING BOTH WATER POLLUTION AND THE POSSIBLE SOLUTIONS TO POLLUTION PROBLEMS.

EPAWC0850
USE OF SPECTRONIC 20 SPECTROPHOTOMETER — DATE: 72-00
AUTHOR(S): EPA — TYPE(S): PM SL AC — CATEGORIES: M
SOURCE(S): EPA2 — COST: 0.00 R — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
COLOR — INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
UNIT: XT-51, 10 MIN TAPE, 35 SL, SCRIPT.
THE STEPWISE USE OF THE SPECTROPHOTOMETER INCLUDING WARM-UP PROCEDURES, ADJUSTMENTS PRIOR TO USE, MAKING MEASUREMENTS AND CHANGING THE PHOTO TUBE.

EPAWC0851
CHLORINE FACTS — DATE: 68-10
AUTHOR(S): CHLOR INST — TYPE(S): PM — CATEGORIES: T
SOURCE(S): CHLOR INST — COST: 2.00 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
CHLORINE
REMARKS AND ABSTRACT:
(FACT) 24PP.
PRESENTS A QUICK SUMMARY OF CHLORINE'S HISTORY, MANUFACTURING PROCESSES, LOCATIONS OF PRODUCTION AND PACKAGING PLANTS, SHIPPING AND SAFETY PRACTICES, U.S. AND CANADIAN PRODUCTION TRENDS, A CHART OF END USES FOR CHLORINE AND A BIBLIOGRAPHY.

EPAWC0852
DETERMINATION OF BIOCHEMICAL OXYGEN DEMAND — DATE: 72-00
AUTHOR(S): EPA — TYPE(S): PM SL AC — CATEGORIES: M
SOURCE(S): EPA2 — COST: 0.00 R — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
BIOCHEMICAL OXYGEN DEMAND
REMARKS AND ABSTRACT:
UNIT: XT-54, 13 MIN TAPE, 71 SL, SCRIPT.
AN INTRODUCTION TO THE BOD TEST. TOPICS INCLUDE REASONS FOR MAKING THE DETERMINATION, THE PREPARATION OF DILUTION WATER, SEEDING TECHNIQUES, SAMPLE PRETREATMENT AND DILUTION, AND CALCULATIONS.

EPAWC0853
COMMUNITY WATER SUPPLY REPORT OF A WHO EXPERT COMMITTEE — DATE: 69-00
AUTHOR(S): WHO — TYPE(S): PM — CATEGORIES: M
SOURCE(S): WHO — COST: 0.60 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
DEVELOPING COUNTRIES — ECONOMICS — PERSONNEL — WATER SUPPLY
PUBLIC HEALTH
REMARKS AND ABSTRACT:
(TRS 420)
REVIEWS THE PUBLIC HEALTH ASPECTS OF THE PROBLEM OF COMMUNITY WATER SUPPLIES, PARTICULARLY IN DEVELOPING COUNTRIES. WATER SUPPLY TECHNOLOGY IS DISCUSSED AND GUIDELINES FOR THE DEVELOPMENT OF SUCCESSFUL PROGRAMS ARE PRESENTED. ADVICE IS ALSO GIVEN ON WAYS OF FINANCING WATER SUPPLY PROJECTS. OTHER TOPICS COVERED ARE: EDUCATION, TRAINING, AND RECRUITMENT OF PERSONNEL; RESEARCH AND DEVELOPMENT; AND THE COLLECTION AND DISSEMINATION OF DATA AND INFORMATION.

EPAWCC855

CONTROLLING THE EFFECTS OF INDUSTRIAL WASTES ON SEWAGE TREATMENT
AUTHOR(S): MASSELLI J W
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O T
COPYRIGHT:
DATE: 71-06
SUBJECT AREAS:
DOMESTIC WASTEWATERS
SLUDGE DISPOSAL
INDUSTRIAL WASTES
WASTEWATER TREATMENT
TRICKLING FILTERS
PRIMARY TREATMENT
ACTIVATED SLUDGE
SECONDARY TREATMENT
BIOCHEMICAL OXYGEN DEMAND
REMARKS AND ABSTRACT:
ORDER NO. TR-15
AS WATER POLLUTION ABATEMENT ACTIVITIES INTENSIFY, MANY INDUSTRIES ARE ASKING THAT THEIR WASTE BE ACCEPTED IN MUNICIPAL SYSTEMS. THIS REPORT IS PUBLISHED TO DEAL WITH THE PROBLEMS RELATED TO WASTES OF VARYING CHARACTERISTICS AND TO JOINT TREATMENT OF MUNICIPAL-INDUSTRIAL WASTE.

EPAWCC856

DISPOSAL OF SEWAGE AND OTHER WATERBORNE WASTES
AUTHOR(S): IMHOFF K
ANN ARBOR
SOURCE(S): ANN ARBOR
COST: 18.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T E
COPYRIGHT:
DATE: 71-00
SUBJECT AREAS:
ECONOMICS
WASTEWATER TREATMENT
REMARKS AND ABSTRACT:
405 PP, 72 FIGURES, 612 REFERENCES.
PART 1 DESCRIBES THE QUALITY AND QUANTITY OF WASTES PRODUCED UNDER DIFFERENT CIRCUMSTANCES.
PART 2 GIVES METHODS OF DISPOSAL, EACH WITH ITS ADVANTAGES AND DISADVANTAGES.
PART 3 DESCRIBES VARIOUS TREATMENT PROCESSES.
PART 4 DEALS WITH SPECIFIC PROBLEMS OF A SMALL COMMUNITY WHERE ECONOMIC CONSIDERATIONS PREVENT USING SOPHISTICATED SYSTEMS.

EPAWCC857

ELEMENTS OF WATER SUPPLY AND WASTEWATER DISPOSAL
AUTHOR(S): FAIR G M
GEYER J C
SOURCE(S): WILEY
COST: 21.75 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D T P
COPYRIGHT:
DATE: 71-00
SUBJECT AREAS:
WATER QUALITY
CHEMICAL TREATMENT
ADSORPTION
WATER SUPPLY
BIOLOGICAL TREATMENT
COLLECTION SYSTEMS
AERATION
DESALINATION
DISTRIBUTION SYSTEMS
ION EXCHANGE
REMARKS AND ABSTRACT:
(ORDER NO O 471 25115-11, 752 PP, AUTH: D A OKUN.
WATER AND WASTEWATER SYSTEMS, STATISTICAL HYDROLOGY, SURFACEWATER COLLECTION, GROUNDWATER DEVELOPMENT, WATER TRANSMISSION, FLOW IN SEWERS AND THEIR APPURTENANCES, WATER-QUALITY MANAGEMENT, UNIT OPERATIONS AND TREATMENT KINETICS, AERATION AND GAS TRANSFER, SCREENING, SEDIMENTATION, AND FLOTATION. FILTRATION, FLOCCULATION, ADSORPTION, DESALINATION, AND ION EXCHANGE. CHEMICAL COAGULATION, PRECIPITATION, AND STABILIZATION, INCLUDING THE MITIGATION OF CORROSION. DISINFECTION. BIOLOGICAL TRANSFER PROCESSES. BIOLOGICAL TREATMENT SYSTEMS.

EPAW00859

ENVIRONMENTAL POLLUTION INSTRUMENTATION
AUTHOR(S): CHAPMAN P L
SOURCE(S): ISA
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY) MONITORING
ORGANIC CARBON
REMARKS AND ABSTRACT:
ORDER NO. H82
A COLLECTION OF ISA PAPERS FOCUSING ON MEASUREMENT, ANALYSIS AND CONTROL OF INSTRUMENTATION. COVERS ORGANIC CARBON ANALYSIS, CONTROL OF PAPER MILL EFFLUENT, MEASURING RADIOISOTOPES IN WATER AND CONTINUOUS MONITORING OF AROMATIC COMPOUNDS IN WATER.

COST: 10.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D E M O P
COPYRIGHT:
DATE: 76-99
TASTE AND ODOR
COMPUTERS

EPAW00860

HYDRAULIC HANDBOOK
AUTHOR(S): COLT
SOURCE(S): COLT
SUBJECT AREAS:
HYDRAULICS
REMARKS AND ABSTRACT:
TECHNICAL REFERENCE BOOK PREPARED BY FAIRBANKS MORSE PUMP DIVISION OF COLT INDUSTRIES. CONTAINS BASIC PUMP APPLICATION DATA AND TECHNICAL INFORMATION FOR APPLICATION OF PUMPS TO SYSTEMS.

COST: 7.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D T
COPYRIGHT:
DATE: 76-99
PIPES
PUMPS

EPAW00862

INDUSTRIAL WASTE DISPOSAL
AUTHOR(S): ROSS R D
SOURCE(S): VAN NOSTRA
SUBJECT AREAS:
WASTEWATER DISPOSAL
INCINERATION
REMARKS AND ABSTRACT:
464PP., ILLUS. (TD 897 .1267)
TREATING GASEOUS, LIQUID, AND SOLID WASTE DISPOSAL AS SEPARATE YET INTERDEPENDENT PROBLEMS, THIS BOOK SHOWS HOW THEY CAN OFTEN BE SOLVED TOGETHER. IT INCLUDES ILLUSTRATIVE "HOW-TO" EXAMPLES IN RECOVERY, DIRECT DISPOSAL, SEMI-DISPOSAL, WASTE TREATMENT, INCINERATION, REUSE, AND DEALING WITH RADIOACTIVE WASTES. INCLUDES COMPLETE DESCRIPTIONS OF THE PRACTICE, ECONOMICS, AND EQUIPMENT INVOLVED IN LESS FAMILIAR METHODS OF WASTE DISPOSAL, ALONG WITH SCHEMATIC DIAGRAMS, EQUATIONS AND WORKED-OUT CALCULATIONS, ILLUSTRATIONS, AND CUTAWAY VIEWS OF EQUIPMENT.

COST: 17.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D L
COPYRIGHT:
DATE: 76-99
HAZARDOUS POLLUTANTS
WATER REUSE
LAWS AND REGULATIONS

EPAW00863

INSTRUMENTAL ANALYSIS FOR WATER POLLUTION CONTROL
AUTHOR(S): MANCY K H
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
INSTRUMENTATION (PLANT)
MONITORING
REMARKS AND ABSTRACT:
343 PP, 41 TABLES, 80 FIGURES, 400 REFERENCES.
APPLICATION OF INSTRUMENTATION, INCLUDING AUTOMATIC AND REMOTE MEASUREMENT SYSTEMS FOR USE BY PRACTICIONERS IN THE WATER POLLUTION CONTROL FIELD, GRADUATE OR UNDERGRADUATE STUDENTS. DEALS WITH INSTRUMENTAL AND AUTOMATED MEASUREMENTS AND THEIR INTERPRETATION. USER DOES NOT HAVE TO BE A CHEMIST IN BACKGROUND.

ANN ARBOR
COST: 18.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D M O
COPYRIGHT: C
DATE: 71-00
SAMPLING
MEASUREMENT
ANALYTICAL TECHNIQUES
GASES

EPAW00864

ION EXCHANGERS PROPERTIES AND APPLICATIONS
AUTHOR(S): DORFNER K
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
ION EXCHANGE
REMARKS AND ABSTRACT:
328 PP, 100 FIGURES, 652 REFERENCES.
PRACTICAL, FOR USE IN BULK PROCESSING OF INDUSTRIAL WASTES OR RAW MATERIALS.
EMPHASIZES PURIFICATION PROCESSES, ION EXCHANGER TYPES, SYSTEMS, METHODS, APPLICATIONS, MEDIA AND TREATMENT.
USEFUL TO THOSE IN CHEMICAL INDUSTRIES, METALS REFINING, AND FOOD INDUSTRIES.
DEALS WITH ION EXCHANGERS AS PREPARATIVE AGENTS, IN INDUSTRY, ANALYTICAL CHEMISTRY, PHARMACY AND MEDICINE.
ANN ARBOR
COST: 20.00 P
ANALYTICAL TECHNIQUES
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O T
COPYRIGHT: C
DATE: 72-00

EPAW00866

LABORATORY WASTE DISPOSAL MANUAL
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT:
174PP.
DETAILED PROCEDURES ON METHODS TO DISPOSE OF
HAZARDUS MATERIALS.
COST: 3.50 P
CHEMICALS
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 74-07
WASTEWATER DISPOSAL

EPAW00867

LIME HANDLING APPLICATION AND STORAGE IN TREATMENT PROCESSES
AUTHOR(S): NLA
SOURCE(S): NLA
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT:
#213 NLA BULLETIN
COST: 2.00 P
CHEMICALS
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT: C
DATE: 76-06

EPAW00873

MANUAL OF INDUSTRIAL WATER AND INDUSTRIAL WASTEWATER (OUT OF PRINT)
AUTHOR(S): ASTM
SOURCE(S): ASTM
SUBJECT AREAS:
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
(I 148)
COST: 0.00
INDUSTRIAL WATER
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAWCC875 DATE: 69-05

MANUAL ON WATER
AUTHOR(S): ASTM
SOURCE(S): ASTM
COST: 16.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
INDUSTRIAL WATER
ANALYTICAL TECHNIQUES
CATHODIC PROTECTION
SAMPLING
CHEMICAL ANALYSIS
ION EXCHANGE
FLOWMETERS
CHEMICAL TREATMENT
INDUSTRIAL WATER
DOMESTIC WASTEWATERS
CHEMICAL PROPERTIES
HARDNESS
REMARKS AND ABSTRACT:
(STP 442), 362 PP, 3RD ED.
OFFERS INFORMATION ON THE INFLUENCE OF WATER ON INDUSTRIES IN WHICH IT IS USED EITHER AS A RAW MATERIAL OR IN CONJUNCTION WITH MANUFACTURING PROCESSES. SERVES AS A GUIDE TO THE NATURE OF WATER PLANNING REQUIRED AT THE SUPERVISORY AND INVESTMENT LEVELS. COMBINED WITH GENERAL DISCUSSION OF THE PROBLEMS ARISING FROM INDUSTRIAL USE OF WATER ARE DETAILS OF SPECIFIC CONTROL PROCEDURES AND INSTRUCTIW.ONS FOR SUCH CRITICAL OPERATIONS AS SAMPLING WATER UNDER VARIOUS CONDITIONS AND INTHE SEVERAL FORMS IN WHICH IT IS EMPLOYED.

EPAWC0877 DATE: 76-99

MICROORGANIC MATTER IN WATER
AUTHOR(S): ASTM
SOURCE(S): ASTM
COST: 9.25 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
INDUSTRIAL WATER
ORGANIC CONTAMINANTS
BIOLOGICAL TREATMENT
IRON BACTERIA
ANALYTICAL TECHNIQUES
DOMESTIC WASTEWATERS
BIODEGRADATION
ORGANIC CARBON
CHEMICAL ANALYSIS
MICROBIOLOGY
BIOCHEMICAL OXYGEN DEMAND
MICROSCREENING
ANAEROBIC DIGESTION
BIOLOGICAL ANALYSIS
REMARKS AND ABSTRACT:
(STP 448), 124 PP.
DEVOTED CHIEFLY TO DISCUSSION OF ORGANIC CONTAMINANTS. INCLUDES: ROLE OF MICROORGANISMS AND BIOLOGICAL MANIFESTATIONS; DISCUSSION OF PESTICIDES; DISCUSSES DEVELOPMENT OF CONCENTRATION TECHNIQUES TO BRING CONTAMINANTS UP TO MINIMUM DETECTABLE ANALYTICAL LEVELS; NEWER CHROMATOGRAPHIC AND SPECTROGRAPHIC TECHNIQUES

EPAWC0878 DATE: 76-99

PIPE ECONOMY (OUT OF PRINT)
AUTHOR(S): CIPRA
SOURCE(S): CIPRA
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
SUBJECT AREAS:
PIPES
REMARKS AND ABSTRACT:

EPAW00879 DATE: 69-[illegible]

PRACTICAL GUIDE TO WATER QUALITY STUDIES OF STREAMS
AUTHOR(S): KITTRELL F W
SOURCE(S): GPO EPA2
COST: 0.70 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M T P
COPYRIGHT:
SUBJECT AREAS:
SURVEYS
FLOW MEASUREMENT
TECHNICAL WRITING
STREAMS
SAMPLING
DATA EVALUATION
WATER QUALITY
PLANNING
REMARKS AND ABSTRACT:
GPO NUMBER 167.9:ST8. PAPERBACK. WHILE SUPPLY LASTS, NO CHARGE FROM EPA-2. 136 PAGES, 10 FIGURES.
INTENDED AS A BRIEF BUT COMPREHENSIVE TREATMENT OF THE SUBJECT FOR BEGINNERS AND TO ASSIST THOSE EXPERIENCED IN THE FIELD. COVERAGE INCLUDES SURVEY OBJECTIVES; PHYSICAL CHARACTERISTICS OF STREAMS; SAMPLING PROGRAMS INCLUDING SITE SELECTION, PROCEDURES, FREQUENCIES AND SCHEDULES, AND SAMPLE HANDLING PRIOR TO TESTING; SAMPLE EXAMINATION: STREAM FLOW MEASUREMENTS, FIELD LABORATORY PLANNING; SOURCES OF STREAM INFORMATION; DATA INTERPRETATION; REPORT PREPARATION.

EPAW00880 DATE: 76-99
PRACTICE OF WATER POLLUTION BIOLOGY (OUT OF PRINT)
AUTHOR(S): MACKENTHUM K M
SOURCE(S): GPO COST: 0.00
TYPE(S): PM CATEGORIES:
LEVEL: COPYRIGHT:
SUBJECT AREAS:
BIOLOGY
REMARKS AND ABSTRACT:

EPAW00881 DATE: 70-00
SEWAGE TREATMENT BASIC PRINCIPLES AND TRENDS
AUTHOR(S): BOLTON R L KLEIN L
SOURCE(S): ANN ARBOR COST: 16.50 P
TYPE(S): PM CATEGORIES: T O P
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
FLOW MEASUREMENT WASTEWATER TREATMENT
REMARKS AND ABSTRACT:
246 PP, 27 FIGURES, 19 TABLES, 2ND ED.
USEFUL FEATURES OF THE BOOK ARE CHEMISTRY OF THE SUBJECT, FLOW MEASUREMENTS AND EXAMPLES OF PHYSICAL/CHEMICAL CALCULATIONS. THIS NEW EDITION REFLECTS RECENT TECHNOLOGICAL ADVANCES IN HANDLING SEWAGE AND SLUDGE DISPOSAL AND INDUSTRIAL WASTES. THIS BOOK IS PARTICULARLY USEFUL TO SANITARY ENGINEERS.

EPAW00883 DATE: 76-99
STUDY OF SLUDGE HANDLING AND DISPOSAL (OUT OF PRINT)
AUTHOR(S): BURD R S
SOURCE(S): GPO COST: 0.00
TYPE(S): PM CATEGORIES:
LEVEL: COPYRIGHT:
SUBJECT AREAS:
SLUDGE TREATMENT SLUDGE DISPOSAL
REMARKS AND ABSTRACT:

EPAW00884 DATE: 67-00
TREATMENT AND DISPOSAL OF WASTES REPORT OF A WHO SCIENTIFIC GROUP
AUTHOR(S): WHO
SOURCE(S): WHO COST: 6.00 P
TYPE(S): PM CATEGORIES: D
LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES DOMESTIC WASTEWATERS PUBLIC HEALTH SEDIMENTATION
WASTEWATER DISPOSAL
REMARKS AND ABSTRACT:
(TRS 367)
CONSOLIDATES INFORMATION ON MANY TECHNICAL AND ADMINISTRATIVE ASPECTS OF THE COLLECTION, TREATMENT, REUSE, AND DISPOSAL LIQUID AND SOLID WASTES. A SELECT BIBLIOGRAPHY OF WORKS ON THE MANAGEMENT OF WASTEWATER AND OF SOLID WASTES IS ANNEXED TO THE REPORT.

EPAW00885

WASTE TREATMENT WITH POLYELECTROLYTES
AUTHOR(S): GUTCHO S
SOURCE(S): NOYES
SUBJECT AREAS:
POLYELECTROLYTES
REMARKS AND ABSTRACT:
237PP.
COST: 36.00 P
COAGULATION
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O T
COPYRIGHT:
DATE: 72-00

POLYELECTROLYTES ARE HIGHMOLECULAR-WEIGHT POLYMERS. THEY ARE WATER SOLUBLE OR WATER DISPERSIBLE AND MAY BE ANIONIC, CATIONIC OR NONICNIC. THEY ARE NOW BEING USED IN THE TREATMENT OF SEWAGE, THE CLARIFICATION OF INDUSTRIAL WASTE WATER, AND THE PURIFICATION OF CONTAMINATED RIVERS AND LAKES. ATTENTIONIS FOCUSED ON PHOSPHATE REMOVAL, LOW ASH SEWAGE SLUDGE FORMATION, AND ON RECYCLING OF WASTE WATER FOR ACCEPTABLE PURITY.

EPAW00886

WASTEWATER ENGINEERING
AUTHOR(S): METCALF AND EDDY
SOURCE(S): MCGRAW
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
PUMPS
WASTEWATER TREATMENT DESIGN
MICROBIOLOGY
REMARKS AND ABSTRACT:
782 PP.
COST: 19.50 P
COLLECTION SYSTEMS
WASTEWATER CHARACTERISTICS
EFFLUENTS
PHYSICAL TREATMENT
FLOW MEASUREMENT
CHEMICAL TREATMENT
DILUTION
ANALYTICAL TECHNIQUES
DATA EVALUATION
BIOLOGICAL TREATMENT
SLUDGE TREATMENT
TYPE(S): PM
LEVEL: 3
CATEGORIES: D M T
COPYRIGHT: C
DATE: 72-00

REFERENCE TEXT OUTLINING COLLECTICN, TREATMENT AND DISPOSAL OF SEWAGE. EMPHASIZES PLANT FACILITY DESIGN AND EQUIPMENT. COLLECTION SYSTEMS DESCRIBED IN DETAIL (FLOW MEASUREMENT, HYDRAULICS, SEWER DESIGN, AND SPECIAL APPURTENANCES), AS ARE DISPOSAL PROCESSES. EACH CHAPTER CONTAINS PROBLEMS. SUPERCEDES THE 1922 METCALF AND EDDY TEXT, 'SEWERAGE AND SEWAGE DISPOSAL'. TABLES, GRAPHS, ILLUS, BIBL.

EPAW00890

WATER AND WASTEWATER ENGINEERING VOLUME 1 WATER SUPPLY AND WISTEWATER REMOVAL
AUTHOR(S): FAIR G M
GAYER J C
SOURCE(S): WILEY
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
489PP; AUTHOR: D. A. OKUN.
COST: 22.75 P
WASTEWATER TREATMENT
COLLECTION SYSTEMS
DISTRIBUTION SYSTEMS
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M O P S
COPYRIGHT: C
DATE: 66-00

GIVES A COMPLETE DEVELOPMENT OF THE PRINCIPLES AND METHODOLOGY OF HYDRAULICS AND HYDROLOGY. MUCH CONSIDERATION IS GIVEN TO THE QUANTITIES REQUIRED AND TO BE DISPOSED OF, AS WELL AS THE STATISTICAL ANALYSIS OF THESE AND OTHER HYDROLOGIC DATA. WATER QUALITY IS CONSIDERED, BUT THE MAJOR WORK ON THE CHEMISTRY AND BIOLOGY OF THIS SUBJECT IS RESERVED FOR VOLUME 2.

EPAW00891
WATER AND WASTEWATER ENGINEERING VOLUME 2 WATER PURIFICATION & WASTEWATER TREATMENT & DISPOSAL DATE: 68-00
AUTHOR(S): FAIR G M GEYER J C TYPE(S): PM CATEGORIES: D M O P S
SOURCE(S): WILEY COST: 26.25 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
WATER TREATMENT PLANTS WASTEWATER TREATMENT PLANTS
REMARKS AND ABSTRACT:
669PP.; AUTHOR: D. A. OKUN
PRESENTS DETAILED CONSIDERATIONS OF THEORIES AND PRINCIPLES OF WATER AND WASTEWATER TREATMENT. MANAGEABLE VARIABLES ARE IDENTIFIED AND ENGINEERING CONTROL THROUGH GOOD DESIGN AND PROPER OPERATION IS EMPHASIZED.

EPAW00898
WATER WELL MANUAL PRACTICAL GUIDE FOR LOCATING AND CONSTRUCTING WELLS FOR INDIVID AND COMMUN DATE: 71-05
AUTHOR(S): GIBSON U P SINGER R D TYPE(S): PM CATEGORIES: D E O T
SOURCE(S): PREMIER COST: 7.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
WATER WELLS GROUNDWATER PUMPS
REMARKS AND ABSTRACT:
156PP., ILLUS., TABLES; INDEX.
COVERS THE FUNDAMENTALS OF THE OCCURANCE AND MOVEMENT OF GROUNDWATER; THE LOCATION, DESIGN, CONSTRUCTION, AND MAINTENANCE OF WATER WELLS; PUMPING EQUIPMENT; AND SANITARY PROTECTION OF GROUNDWATER SUPPLIES. EMPHASIS IS ON WELLS FOR INDIVIDUAL AND SMALL COMMUNITY WATER SUPPLIES. CONTAINS MORE THAN 100 ILLUSTRATIONS.

EPAW00899
BASIC STATISTICS PART I DATE: 72-00
AUTHOR(S): EPA TYPE(S): PM SL AC CATEGORIES: M O S
SOURCE(S): EPA2 COST: 0.00 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
STATISTICAL ANALYSIS CHEMICAL ANALYSIS GRAPHICAL METHODS
REMARKS AND ABSTRACT:
UNIT: XT-49, 20 MIN TAPE, 46 SL, SCRIPT, INSTRUCTIONS, PROB. SOLNS FOR LEADER; OUTLINE, WORKSHEET, PROB. SHEET, VIEWERS
PART ONE OF A TWO-PART SERIES. TOPICS: ANALYTICAL RESULTS AS SAMPLES OF A NUMBER POPULATION; SOME REQUIREMENTS FOR VALID DATA; CONSTRUCTION OF FREQUENCY TABLES, HISTOGRAMS AND POLYGONS; NORMAL DISTRIBUTION CURVES; USE OF NORMAL PROBABILITY PAPER; DEFINITION AND DETERMINATION OF THE MODE, MEDIAN, AND MEAN AS MEASURES OF CENTRAL TENDENCY.

EPAW00900
BASIC STATISTICS PART II DATE: 72-00
AUTHOR(S): EPA TYPE(S): PM SL AC CATEGORIES: M O S
SOURCE(S): EPA2 COST: 0.00 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
STATISTICAL ANALYSIS CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
UNIT: XT-50, 30 MIN TAPE, 59 SL, SCRIPT, INSTRUCTIONS, PROB. SOLN FOR LEADER ; OUTLINE, WORKSHEET, PROB. SHEET-VIEWER.
PART TWO OF A TWO-PART SERIES. TOPICS: DEFINITIONS AND STEP-BY-STEP INSTRUCTIONS FOR VIEWER TO CALCULATE DISPERSION STATISTICS (THE RANGE, DEVIATION OF DATA AND OF THE MEAN, VARIANCE, AND STANDARD DEVIATION OF DATA AND OF THE MEAN); CONTRASTS AMONG THEM AND CRITERIA FOR CHOOSING WHICH TO CALCULATE; APPLICATION OF MEAN AND STANDARD DEVIATION AS A SUMMARY OF PARTS I AND II.

EPAW00901

DETERMINATION OF GREASE AND OIL
AUTHOR(S): EPA
SOURCE(S): EPA2 COST: 0.00 R TYPE(S): PM SL AC CATEGORIES: M DATE: 74-03
SUBJECT AREAS: LEVEL: 2 COPYRIGHT:
OIL AND GREASE
REMARKS AND ABSTRACT:
UNIT: XT-56, 15 MIN TAPE, 54 SL, SCRIPT.
THE LABORATORY PROCEDURE TO DETERMINE GREASE AND OIL. TOPICS ARE: TERMINOLOGY, PROBLEMS CAUSED BY GREASE AND OIL IN WASTEWATER TREATMENT, SAMPLING AND PRESERVATION, APPARATUS, THE STEPWISE PROCEDURE AND CALCULATIONS.

EPAW00902

DETERMINATION OF SUSPENDED SOLIDS
AUTHOR(S): EPA
SOURCE(S): EPA2 COST: 0.00 R TYPE(S): PM SL AC CATEGORIES: M DATE: 73-00
SUBJECT AREAS: LEVEL: 1 COPYRIGHT:
SUSPENDED MATTER
REMARKS AND ABSTRACT:
UNIT: XT-57, 10 MIN TAPE, 40 SL, SCRIPT.
THE LABORATORY PROCEDURE TO DETERMINE SUSPENDED SOLIDS. TOPICS ARE: IMPORTANCE OF SUSPENDED SOLIDS TO WATER QUALITY, SAMPLING, APPARATUS, THE STEP-WISE PROCEDURE AND CALCULATIONS.

EPAW00903

PROCESS CONTROL DEMANDS PART A
AUTHOR(S): EPA
SOURCE(S): EPA2 COST: 0.00 R TYPE(S): PM SL AC CATEGORIES: O S DATE: 72-00
SUBJECT AREAS: LEVEL: 2 COPYRIGHT:
ACTIVATED SLUDGE SLUDGE TREATMENT PROCESS CONTROL
REMARKS AND ABSTRACT:
UNIT: XT-60, 10 MIN TAPE, 36 SL, SCRIPT.
INTRODUCTION TO A SERIES ON OPERATIONAL CONTROL OF AN ACTIVATED SLUDGE PROCESS. A PLANT SCHEMATIC IS USED TO PRESENT THE EFFECTS OF RETURN SLUDGE FLOW ADJUSTMENTS ON SLUDGE CONCENTRATIONS, SLUDGE DETENTION TIMES, PROCESS EQUILIBRIUM, SLUDGE CHARACTERISTICS, AND FINAL EFFLUENT QUALITY.

EPAW00904

PROCESS CONTROL DEMANDS PART B
AUTHOR(S): EPA
SOURCE(S): EPA2 COST: 0.00 R TYPE(S): PM SL AC CATEGORIES: O S DATE: 72-00
SUBJECT AREAS: LEVEL: 2 COPYRIGHT:
ACTIVATED SLUDGE PROCESS CONTROL MATHEMATICS
REMARKS AND ABSTRACT:
UNIT: XT-61, 15 MIN TAPE, 40 SL, SCRIPT.
ONE OF A SERIES, THIS UNIT PRESENTS THE DERIVATION OF MIXING FORMULAE THAT WILL BE USED IN SUBSEQUENT SECTIONS TO DEVELOP THE RETURN SLUDGE FLOW DEMAND FORMULA USED IN OPERATIONAL CONTROL OF AN ACTIVATED SLUDGE PROCESS. A SCHEMATIC IS USED TO ILLUSTRATE COMPONENTS OF THE FORMULAE AND TO DEVELOP A FINAL MASS BALANCE RATIO OF RETURN SLUDGE CONCENTRATION IN TERMS OF CLARIFIER SLUDGE PERCENTAGE. SIMPLE MIXING FORMULAE ARE THEN DERIVED FOR EACH OF THE THREE FACTORS ALONG WITH EXAMPLE CALCULATIONS.

EPAW00905

PLANNING AN INDIVIDUAL WATER SYSTEM
AUTHOR(S): AAVIM
SOURCE(S): AAVIM
SUBJECT AREAS:
WATER TREATMENT
RADIOACTIVITY
TASTE AND ODOR
DISTRIBUTION SYSTEMS
COST: 6.95 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 73-00
WATER STORAGE
WATER METERS
TURBIDITY
CHLORINE
WATER WELLS
FILTRATION
DISINFECTION
PUMPS
SEDIMENTATION
REMARKS AND ABSTRACT:
ORDER NO. 600
THE LATEST ECOLOGICAL FACTORS INVOLVED IN THE DEVELOPMENT AND USE OF SAFE WATER. FACTS COORDINATED WITH THE U.S. ENVIRO PROTECTION AGENCY AND THE AGRICULTURAL RESEARCH SERVICE TO HELP PREPARE THE STUDENT FOR DEVELOPING HIS OWN WATER SYSTEM, EMPLOYMENT IN THE WATER SYSTEMS INDUSTRY, OR IN THE PUBLIC HEALTH SERVICE. THE BOOK IS DESIGNED TO DEVELOP COMPETENCIES FOLLOWING AREAS: DETERMINING AMOUNT OF WATER NEEDED AND AVAILABLE, DETERMINING IF THE WATER IS SAFE, PROTECTING WATER S FROM POLLUTION, DISINFECTING WATER, CONDITIONING WATER, PLANNING A SYSTEM.

EPAW00906

HOW ELECTRIC MOTORS START AND RUN
AUTHOR(S): AAVIM
SOURCE(S): AAVIM
SUBJECT AREAS:
MOTORS
COST: 69.95 P
TYPE(S): PM FS AC
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 73-00
ELECTRIC POWER
REMARKS AND ABSTRACT:
ORDER NO. AV300
A SELF-STUDY UNIT, DESIGNED TO TEACH THE STUDENT BASIC PRINCIPLES OF ELECTRIC MOTOR OPERATION. THE UNIT DESCRIBES AND ILLUSTRATES THE FOLLOWING CONCEPTS: MAGNETIC ATTRACTION AND REPULSION, HOW A PERMANENT MAGNET MAY BE MADE TO ROTATE, THE ELECTRIC MOTOR PRINCIPLE, HOW ELECTRIC MOTORS DIFFER, HOW THEY START AND RUN.

EPAW00908

UNDERSTANDING ELECTRICITY AND ELECTRICAL TERMS THEIR MEANING AND USE
AUTHOR(S): AAVIM
SOURCE(S): AAVIM
SUBJECT AREAS:
ELECTRIC POWER
COST: 32.30 P
TYPE(S): SL PM
LEVEL: 1
CATEGORIES: M O T
COPYRIGHT: C
DATE: 75-00
REMARKS AND ABSTRACT:
ORDER NO. S303 (SLIDES, $29.85); ORDER NO. 303 (PRINTED MATTER, $2.45)
HERE IS AN OPPORTUNITY FOR EVERYONE TO BECOME ACQUAINTED WITH ONE OF THE PRIMARY FORMS OF ENERGY. LEARN HOW IT WORKS. FAMILIAR WITH SUCH TERMS AS VOLTS, AMPS, OHMS, WATTS AND KILOWATT-HOURS. READ METERS. INTERPRET ELECTRIC ENERGY BILLS. STUDENT WILL BE ABLE TO DETERMINE THE FOLLOWING: AMOUNT USED, COST, LOAD, SIZE OF SERVICE ENTRANCE NEEDED. SLIDE SET PARALLELS THE ILLUSTRATIONS IN PUBLICATION OF THE SAME TITLE.

EPAW00911

ELECTRIC MOTORS SELECTION PROTECTION DRIVES

AUTHOR(S): AAVIM
SOURCE(S): AAVIM
SUBJECT AREAS:
MOTORS
REMARKS AND ABSTRACT:

COST: 61.05 P

TYPE(S): OT PM SL
LEVEL: 1

DATE: 72-00
CATEGORIES: D
COPYRIGHT: C

LUBRICATION

BEARINGS

ORDER NO. M302 (TRANSPARANCIES, $7.95), NO. 5302 (SLIDES, $49.85), NO. 302 (PRINTED, $3.25)
TO HELP PREPARE STUDENTS IN OCCUPATIONS WHERE THEY MUST BE ABLE TO SELECT MOTORS FOR SPECIFIC JOBS. INFORMATION AND PROCEDURES ARE GIVEN FOR SELECTING MOTORS BASED ON THE FOLLOWING CHARACTERISTICS: TYPE, SIZE, SPEED, DUTY, BEARINGS, ENCLOSURE, MOUNTING, OVERLOAD PROTECTION, DRIVES.

EPAW00912

MAINTAINING THE LIGHTING AND WIRING SYSTEM

AUTHOR(S): AAVIM
SOURCE(S): AAVIM
SUBJECT AREAS:
ELECTRIC POWER
REMARKS AND ABSTRACT:

COST: 3.95 P

TYPE(S): PM
LEVEL: 1

DATE: 71-00
CATEGORIES: D
COPYRIGHT: C

MAINTENANCE

ORDER NO. T301 (OVERHEAD TRANS, OUT OF PRINT), M301 (PRINTED)
A HOW-TO-DO-IT MAINTENANCE BOOK FOR HOME ELECTRICAL REPAIRS. ILLUS STEP-BY-STEP PROCS ARE GIVEN TO ENABLE A STUDENT TO DO THE FOLLOWING: REPLACE CORDS, PLUGS AND SOCKETS; REPLACE FUSES AND CIRCUIT BREAKERS; REPLACE SINGLE-POLE, 3-WAY A SWITCHES; REPLACE LIGHT FIXTURES; INSTALL GROUND FAULT CIRCUIT INTERRUPTERS; SPLICE BROKEN WIRES.

EPAW00918

SMALL ENGINES CARE OPERATION MAINTENANCE AND REPAIR VOLUME I

AUTHOR(S): AAVIM
SOURCE(S): AAVIM
SUBJECT AREAS:
CLEANING
MAINTENANCE
VALVES
REMARKS AND ABSTRACT:

COST: 7.95 P

TYPE(S): PM OT SL
LEVEL: 2

DATE: 75-00
CATEGORIES: D
COPYRIGHT: C

EMERGENCY OPERATIONS
COMPRESSORS
CONDUCTIVITY

NORMAL OPERATIONS
ENGINES
STARTUP

LUBRICATION
FILTRATION
INTAKE STRUCTURES

ORDER NO. M108 (TRANSPARENCY, $7.95), NO. 108 (PRINTED, $6.95), NO. S108 (SLIDES, $97.00)
TO PREPARE A STUDENT FOR OPERATING AND SERVICING HIS OWN ENGINE, OR FOR EMPLOYMENT IN INDUSTRIES WHERE SMALL ENGINES ARE OPERATED. GIVES DETAILED STEP BY STEP PROCEDURES ON BASIC PRINCIPLES AND HOW TO SERVICE AND/OR ADJUST THE FOLLOWING: FUEL SYSTEM, AIR CLEANERS, CARBURETORS, BATTERIES, STARTERS, SPARK PLUGS, CRANKCASE BREATHERS. OPERATING PROCEDURES ARE GIVEN AND SAFETY PRECAUTIONS ARE STRESSED.

EPAW00919

SMALL ENGINES CARE OPERATION MAINTENANCE AND REPAIR VOLUME II

AUTHOR(S): AAVIM
SOURCE(S): AAVIM
SUBJECT AREAS:
MAINTENANCE
LUBRICATION
REMARKS AND ABSTRACT:

COST: 16.95 P

TYPE(S): OT PM
LEVEL: 2

DATE: 74-00
CATEGORIES: D
COPYRIGHT: C

ENGINES

PREVENTIVE MAINTENANCE

VALVES

ORDER NO. M109, TRANSPARENCY, $7.95), NO. 109 (PRINTED, $8.95)
TO PREPARE THE STUDENT FOR MAINTENANCE AND REPAIR OF HIS OWN ENGINE, OR FOR EMPLOYEMNT IN INDUS WHERE SMALL ENGINES ARE REPAIRED. GIVES DETAILED STEP-BY-STEP PROCEDURES ON BASIC PRINCIPLES AND HOW TO REPAIR OR REPLACE THE FOLLOWING (SAFETY STARTERS, IGNITION SYSTEMS, FUEL SYSTEMS, GOVERNORS, LUBRICATION SYSTEMS, GENERATORS, CARBURETORS, FLYWHEELS, VALVES, CY PISTONS AND RODS, CAMSHAFTS, CRANKSHAFTS, AND CYLINDER HEADS. SLIDE SET PARRALLELS ILLUSTRATIONS IN PUBLICATION OF SAME

EPAM00922

FUELS AND LUBRICANTS SELECTING AND STORING
AUTHOR(S): AAVIM
SOURCE(S): AAVIM
SUBJECT AREAS:
LUBRICATION
SAFETY
COST: 41.25 P
MAINTENANCE
TYPE(S): OT PM SL
LEVEL: 2
HYDRAULICS
CATEGORIES: O
COPYRIGHT: C
DATE: 73-00
FUELS
REMARKS AND ABSTRACT:
ORDER NO. M102 (TRANSPARENCY, $7.95), NO. S102 (SLIDES, $29.85), NO. 102 (PRINTED, $3.45)
AS THE SUPPLY OF PETROLEUM FUELS AND LUBRICANTS BECOMES SMALLER AND COST CONTINUES TO INCREASE, IT IS IMPORTANT THAT EVERYONE LEARN HOW TO SELECT THEM PROPERLY AND TO STORE THEM SAFELY. FROM THIS STUDY, A STUDENT WILL BE ABLE TO SELECT AND STORE THE FOLLOWING FUELS AND LUBRICANTS PROPERLY: GASOLINE, LP-GAS, DIESEL FUEL, CRANKCASE OIL, GEAR LUBRICANT, HYDRAULIC FLUID, GREASE.

EPAM00923

UNDERSTANDING AND MEASURING HORSEPOWER
AUTHOR(S): AAVIM
SOURCE(S): AAVIM
SUBJECT AREAS:
ENGINES
COST: 3.95 P
PHYSICS
TYPE(S): PM
LEVEL: 1
MEASUREMENT
CATEGORIES: T
COPYRIGHT: C
DATE: 69-00
REMARKS AND ABSTRACT:
ORDER NO. 902
A VALUABLE TOOL FOR LEADING THE STUDENT TO AN UNDERSTANDING OF THE RELATIONSHIP OF HORSEPOWER, TORQUE AND SPEED FOR ENGI AND MOTORS. INCLUDES THE FOLLOWING: MATCHING ENGINES TO LOADS, TESTING POWER UNITS, TYPES OF DYNAMOMETERS, CONDUCTING POWER TESTS, INTERPRETING THE RESULTS.

EPAM00924

GET THE MESSAGE (CUT OF PRINT)
AUTHOR(S): AETNA
SOURCE(S): AETNA
SUBJECT AREAS:
COST: 0.00
TYPE(S): MP VC
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM FILM, 3/4 INCH VIDEO TAPE CASSETTE

EPAM00955

BIOLOGICAL METHODS FOR THE ASSESSMENT OF WATER QUALITY
AUTHOR(S): CAIRNS J
DICKSON K L
SOURCE(S): ASTM
COST: 16.25 P
SUBJECT AREAS:
BIOLOGICAL ANALYSIS
AQUATIC MICROBIOLOGY
EUTROPHICATION
LAKES
BIODEGRADATION
AQUATIC PLANTS
FECAL COLIFORMS
PLANKTON
TYPE(S): PM
LEVEL: 3
AQUATIC ANIMALS
E COLI
IRON BACTERIA
PATHOGENS
CATEGORIES: N
COPYRIGHT: C
DATE: 73-06
AQUATIC GROWTHS
ECOSYSTEMS
ANALYTICAL TECHNIQUES
WATER QUALITY
REMARKS AND ABSTRACT:
(STP 528), 256 PP.
INTENDED TO BE A MANAGEMENT TOOL TO APPRISE THE READER OF THE TYPES OF CONSIDERATIONS INVOLVED IN MAKING BIOLOGICAL ASSESSMENTS OF WATER QUALITY, DEVELOPING WATER POLLUTION MONITORING PROGRAMS, AND ASSESSING THE EFFECTS OF POTENTIALLY DELETERIOUS WASTE DISCHARGES IN THE AQUATIC ENVIRONMENT. PROVIDES INFORMATION WHICH WOULD ENABLE A NONBIOLOGIST TO GET A STATE-OF-THE-ART VIEW OF THE EXISTING TECHNIQUES AVAILABLE, AS WELL AS SOME HISTORIC PERSPECTIVE.

EPAWCC956
ANNUAL BOOK OF ASTM STANDARDS 1976 PART 31 WATER DATE: 75-00
AUTHOR(S): ASTM TYPE(S): PM CATEGORIES: M T
SOURCE(S): ASTM COST: 31.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
ANALYTICAL TECHNIQUES CHEMICAL ANALYSIS BACTERIAL ANALYSIS DATA EVALUATION
CORROSION STANDARDS SAMPLING BIOLOGICAL ANALYSIS
MONITORING PHYSICAL ANALYSIS
REMARKS AND ABSTRACT:
PUBL NO 01-031074-16, 924 PP.
CONTAINS ALL OF THE ASTM STANDARDS ON WATER ANALYSIS.

EPAWCC958
GREAT RIVER (OUT OF PRINT) DATE: 76-99
AUTHOR(S): CC BOR TYPE(S): MP CATEGORIES:
SOURCE(S): CO BOR COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
RIVERS
REMARKS AND ABSTRACT:
16MM FILM, (28, C)

EPAWCC959
CONSERVATION AND FULL UTILIZATION OF WATER DATE: 73-00
AUTHOR(S): CC BOR TYPE(S): PM CATEGORIES: E
SOURCE(S): CO BOR GPO COST: 0.00 P LEVEL: 0 COPYRIGHT:
SUBJECT AREAS:
CONSERVATION WATER RESOURCES
REMARKS AND ABSTRACT:
(STOCK NO. 2403 00081)
CHART GRAPHICALLY PORTRAYS MANY USES OF WATER -- E.G. FLOOD CONTROL, HYDROELECTRIC POWER GENERATION, IRRIGATION, ETC.

EPAWCC962
FACILITIES AND OPERATING PROCEDURES FOR CHLORINE STORAGE DATE: 73-05
AUTHOR(S): CHLOR INST TYPE(S): PM CATEGORIES: D D
SOURCE(S): CHLOR INST COST: 1.75 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
CHLORINE
REMARKS AND ABSTRACT:
(NO. 5) 20PP., 3RD ED.., INCLUDES DRAWINGS.
SUGGESTS GENERALLY APPLICABLE EQUIPMENT AND OPERATING PROCEDURES FOR CHLORINE STORAGE FACILITIES.

EPAWC0963
PIPING AND EQUIPMENT FOR USE WITH DRY CHLORINE
DATE: 74-08
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0 0
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
PIPES
CHEMICAL TRANSPORT
REMARKS AND ABSTRACT:
(NO. 6) 16PP., INCLUDES DRAWINGS.
CONTAINS INFORMATION ON PIPING AND EQUIPMENT SPECIFICATIONS, PIPING LAYOUT, INSTALLATION, TESTING AND REPAIR OF DRY CHLORINE PIPING SYSTEMS.

EPAWC0964
CONTAINER PROCEDURE FOR CHLORINE PACKAGING
DATE: 73-12
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 2.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
CHEMICAL TRANSPORT
REMARKS AND ABSTRACT:
(NO. 7), 24PP., INCLUDES DRAWINGS.
SUGGESTS PROCEDURES FOE INSPECTION, TESTING, CLEANING AND LOADING OF CYLINDERS AND TON CONTAINERS.

EPAWC0965
OPERATION OF CHLORINE VAPORIZING EQUIPMENT
DATE: 70-06
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0 0
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
REMARKS AND ABSTRACT:
(NO. 9), 16PP.
CONTAINS INFORMATION INTENDED TO ASSIST IN THE SELECTION, DESIGN AND SAFE OPERATION OF VAPORIZERS.

EPAWC0966
LOCATION OF CHLORINE EMERGENCY KITS
DATE: 75-06
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 2.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
SAFETY
CHEMICAL TRANSPORT
REMARKS AND ABSTRACT:
(NO. 35), 44PP. 11TH ED.
LOCATION AND IDENTITY OF CHLORINE EMERGENCY KITS FOR CYLNDERS, TON CONTAINERS, TANK CARS AND TANK TRUCKS.

EPAW00967 DATE: 71-09
MAINTENANCE INSTRUCTIONS FOR CHLORINE INSTITUTE STANDARD SAFETY VALVES TYPE 1 1/2 JQ
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 2.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
VALVES
REMARKS AND ABSTRACT:
(NO. 39), 28PP., 6TH ED.; INCLUDES DRAWINGS.
ILLUSTRATED INSTRUCTIONS ON MAINTENANCE OF CROSBY STYLE 1 1/2 JQ CHLORINE SAFETY VALVES.

EPAW00968 DATE: 75-05
MAINTENANCE INSTRUCTIONS FOR CHLORINE INSTITUTE STANDARD ANGLE VALVE
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 2.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
VALVES
REMARKS AND ABSTRACT:
(NO. 40), 20PP., 3RD ED., INCLUDES DRAWINGS.
ILLUSTRATED INSTRUCTIONS ON MAINTENENCE OF STANDARD CHLORINE ANGLE VALVE.

EPAW00969 DATE: 75-05
MAINTENANCE INSTRUCTIONS FOR CHLORINE INSTITUTE STANDARD SAFETY VALVES TYPE 4 JQ
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 2.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
VALVES
REMARKS AND ABSTRACT:
(NO. 41), 20PP., 3RD ED., INCLUDES DRAWINGS.
ILLUSTRATED INSTRUCTIONS ON MAINTENANCE OF 4 JQ SAFETY VALVES.

EPAW00970 DATE: 72-05
MAINTENANCE INSTRUCTIONS FOR CHLORINE INSTITUTE STANDARD EXCESS FLOW VALVES
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 2.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
VALVES
REMARKS AND ABSTRACT:
(NO. 42), 16PP, 3RD ED., INCLUDES DRAWINGS.
ILLUSTRATED INSTRUCTIONS ON MAINTENANCE OF STANDARD CHLORINE EXCESS FLOW VALVES.

EPAW00971 DATE: 73-03
HANDLING CHLORINE TANK MOTOR VEHICLES
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 2.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
CHEMICAL TRANSPORT
REMARKS AND ABSTRACT:
(NO. 49), 4TH ED., 30PP., INCLUDES DRAWINGS.
CONTAINS GENERAL INFORMATION USEFUL TO ANYONE CONCERNED IN TANK TRUCKS. INCLUDES INFORMATION ON DRIVER QUALIFICATIONS AND VEHICLES ROUTING; LOADING, IN-TRANSIT AND UNLOADING PRACTICES; EXCERPTS OF PERTINENT DOT REGULATIONS; TANK TRUCK LOADING CHECK LIST; AND, EMERGENCY INSTRSUCTION CARD.

EPAWC0972
VISUAL INSPECTION OF CHLORINE TON CONTAINERS
DATE: 74-03
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 1.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
TANKS
REMARKS AND ABSTRACT:
(NO. 53), 10PP., 3RD ED., INCLUDES DRAWINGS.
GUIDE TO CONTAINER USERS FOR ESTABLISHING PROCEDURES AND STANDARDS FOR PERIODIC CONTAINER INSPECTION.

EPAWC0973
EMERGENCY SHUTOFF FACILITIES FOR CHLORINE TANK CAR LOADING AND UNLOADING OPERATIONS
DATE: 65-02
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
SAFETY
EMERGENCY OPERATIONS (WASTE)
CHEMICAL TRANSPORT
REMARKS AND ABSTRACT:
(NO. 57), 7PP., INCLUDES DRAWINGS.
PRESENTS DETAILS OF AN AUTOMATIC CUTOFF SYSTEM AIMED TO REDUCE THE CHANCES OF MAJOR CHLORINE SPILLS DURING CHLORINE TANK CAR LOADING AND UNLOADING OPERATIONS. INCLUDES GENERAL SPECIFICATIONS FOR BASIC EQUIPMENT AND TWO SCHEMATIC DRAWINGS.

EPAWC0974
CHLORINE RELATED AUDIOVISUAL TRAINING AIDES
DATE: 74-05
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 0.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O D E
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
INDEXES AND BIBLIOGRAPHIES
VISUAL AIDS
REMARKS AND ABSTRACT:
(NO. 58), 2PP.
LISTS KNOWN FILMS AND FILMSTRIPS AVAILABLE FOR TRAINING PURPOSES AND INFORMATION AS TO TYPE, CONTENT, DURATION, AND AVAILABILITY.

EPAWC0975
FIRST AID AND MEDICAL MANAGEMENT OF CHLORINE EXPOSURES
DATE: 75-02
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 1.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
FIRST AID
REMARKS AND ABSTRACT:
(NO. 63), 2ND ED., 4PP.
GIVES RECOMMENDATIONS ON FIRST AID AND MEDICAL MANAGEMENT OF CHLORINE EXPOSURES. DEVELOPED BY THE INSTITUTE'S ENVIRONMENTAL HEALTH COMMITTEE.

EPAWC0976
CHLORINE INSTITUTE EMERGENCY KIT FLYER
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
SUBJECT AREAS: COST: 0.00 P TYPE(S): PM
INDEXES AND BIBLICGRAPHIES CHLORINE LEVEL: 1 CATEGORIES: 0 DATE: 74-00
REMARKS AND ABSTRACT: COPYRIGHT:
(FLY-K)
PROVIDES DETAILS CN THE PURCHASE OF CHLORINE INSTITUTE EMERGENCY KITS A, B, AND C, SPARE OR REPLACEMENT PARTS, AND TRAINING AIDS.

EPAWC0977
INSTRUCTION BOOKLET CHLORINE INSTITUTE EMERGENCY KIT A FOR CHLORINE CYLINDERS 100 AND 150 POUNDS
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
SUBJECT AREAS: CCST: 2.00 P TYPE(S): PM
CHLORINE LEVEL: 1 CATEGORIES: 0 DATE: 75-00
REMARKS AND ABSTRACT: SAFETY COPYRIGHT:
(IB/A) 12PP., 2ND ED.
PROVIDES INSTRUCTIONS AND ILLUSTRATES THE USE OF CHLORINE INSTITUTE EMERGENCY KIT "A". INCLUDES COMPLETE PARTS LIST.

EPAWC0978
INSTRUCTION BOOKLET FOR CHLORINE INSTITUTE EMERGENCY KIT B FOR TON CONTAINERS
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
SUBJECT AREAS: COST: 2.00 P TYPE(S): PM
CHLORINE LEVEL: 1 CATEGORIES: 0 DATE: 76-00
REMARKS AND ABSTRACT: SAFETY COPYRIGHT:
(IB/B), 12PP., 4TH ED.
PROVIDES INSTRUCTIONS AND ILLUSTRATES THE USE OF CHLORINE INSTITUTE EMERGENCY KIT B. INCLUDES COMPLETE PARTS LIST.

EPAWC0979
INSTRUCTION BOOKLET FOR CHLORINE INSTITUTE EMERGENCY KIT C FOR TANK CARS AND TANK TRUCKS
AUTHOR(S): CHLOR INST
SCURCE(S): CHLOR INST
SUBJECT AREAS: COST: 2.00 P TYPE(S): PM
CHLORINE LEVEL: 1 CATEGORIES: 0 DATE: 76-00
REMARKS AND ABSTRACT: SAFETY COPYRIGHT:
(IB/B), 16PP., 5TH ED.
PROVIDES INSTRUCTIONS AND ILLUSTRATES THE USE OF CHLORINE INSTITUTE EMERGENCY KIT C. INCLUDES COMPLETE PARTS LIST.

EPAW00980
WALL CHART SAFE HANDLING OF CHLORINE CONTAINERS
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST COST: 1.75 P TYPE(S): PM LEVEL: 1 CATEGORIES: T COPYRIGHT: DATE: 64-00
SUBJECT AREAS:
CHLORINE SAFETY
REMARKS AND ABSTRACT:
(WC-1), CHART MEASURES 12 1/2 X 23 INCHES.
CONTAINS RECOMMENDATIONS FOR SAFE HANDLING OF CHLORINE CYLINDERS AND TON CONTAINERS, EMERGENCY PROCEDURES AND APPLICABLE PRINCIPLES OF FIRST AID.

EPAW00981
CHLORINE AN ANNOTATED BIBLIOGRAPHY
AUTHOR(S): CHLOR INST SMITH R G
SOURCE(S): CHLOR INST COST: 6.50 P TYPE(S): PM LEVEL: 3 CATEGORIES: T COPYRIGHT: DATE: 76-99
SUBJECT AREAS:
CHLORINE INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
(BIBL.CL), 488 REFERENCES.
REFERENCES OF THE WORLD'S LITERATURE ON MEDICAL, TOXICOLOGICAL, INDUSTRIAL HYGIENE AND ENVIRONMENTAL ASPECTS OF EXPOSURE TO CHLORINE. REFERENCES ARE ARRANGED CHRONOLOGICALLY FROM 1824 TO 1971, ACCORDING TO THE YEAR PUBLISHED AND, WITHIN EACH YEAR, ALPHABETICALLY BY AUTHOR. ADDITIONALLY, A SUBJECT INDEX AND AN AUTHOR INDEX ARE PROVIDED.

EPAW00982
ESTIMATING AREA AFFECTED BY A CHLORINE RELEASE
AUTHOR(S): HOWERTON A E
SOURCE(S): CHLOR INST COST: 1.75 P TYPE(S): PM LEVEL: 3 CATEGORIES: O COPYRIGHT: DATE: 75-06
SUBJECT AREAS:
CHLORINE SAFETY
REMARKS AND ABSTRACT:
(R-71), 15PP.
ADAPTED AND UPDATED FROM A PAPER PRESENTED AT AICHE SYMPOSIUM, MARCH 1969.

EPAW00983
FEDERAL SPECIFICATIONS CHLORINE TECHNICAL LIQUID
AUTHOR(S):
SOURCE(S): CHLOR INST COST: 0.50 P TYPE(S): PM LEVEL: 3 CATEGORIES: L COPYRIGHT: DATE: 71-03
SUBJECT AREAS:
CHLORINE STANDARDS
REMARKS AND ABSTRACT:
(BB-C-1208), 12PP.
FEDERAL STANDARDS FOR CHLORINE.

EPAW00984 DATE: 73-00
HOW TO USE THE CHLORINE INSTITUTE EMERGENCY KIT B FOR TON CONTAINERS
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 30.00 P
TYPE(S): SL PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
SAFETY
REMARKS AND ABSTRACT:
(B SLIDES), 53-2X2 COLOR SLIDES, SCRIPT AVAILABLE IN EITHER ENGLISH OR FRENCH.

EPAW00985 DATE: 71-00
HOW TO USE THE CHLORINE INSTITUTE EMERGENCY KIT C FOR TANK CARS AND TANK TRUCKS
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
COST: 30.00 P
TYPE(S): SL PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
CHLORINE
SAFETY
TANKS
REMARKS AND ABSTRACT:
(C SLIDES), 60-2X2 COLOR SLIDES, SCRIPT AVAILABLE IN EITHER ENGLISH OR FRENCH.

EPAW00987 DATE: 66-00
SEWERS FOR GROWING AMERICA
AUTHOR(S): COHN M C
SOURCE(S): CERT TEED
COST: 10.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D T
COPYRIGHT: C
SUBJECT AREAS:
HYDRAULICS
PIPES
PUBLIC HEALTH
DOMESTIC WASTEWATERS
SEWERS
REMARKS AND ABSTRACT:
202PP.
EMPHASIZES USE OF CERTAIN-TEED PIPE SYSTEM TO MEET TODAYS SEWERAGE REQUIREMENTS. PROVIDES DETAILED HISTORY OF SEWAGE; AND STRESSES MUNICIPAL AND PUBLIC HEALTH REQUIREMENTS. TABLES,GRAPHS, ILLUS. NO INDEX, GENERAL TABLE OF CONTENTS.

EPAW00988 DATE: 76-99
ACTIVATED SLUDGE (OUT OF PRINT)
AUTHOR(S): BRADY J
SOURCE(S): CA WPCA
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
SUBJECT AREAS:
ACTIVATED SLUDGE
REMARKS AND ABSTRACT:

EPAW00989 DATE: 76-99
SLUDGE DIGESTION AND HANDLING (OUT OF PRINT)
AUTHOR(S): BRADY J
SOURCE(S): CA WPCA
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
SUBJECT AREAS:
SLUDGE DIGESTION
REMARKS AND ABSTRACT:

EPAW00991 DATE: 76-99
WATER QUALITY ANALYSIS OF THE UPPER DELAWARE RIVER EASTON TO TRENTON
AUTHOR(S): DRBC TYPE(S): PM CATEGORIES: M P T
SOURCE(S): DRBC COST: 4.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
RIVERS SYSTEMS ANALYSIS AND MODELING DISSOLVED OXYGEN BIOCHEMICAL OXYGEN DEMAND
NITRIFICATION PLANKTON NITROGEN PHOSPHORUS
DATA EVALUATION
REMARKS AND ABSTRACT:
A STEADY-STATE MATHEMATICAL MODEL WAS DEVELOPED FOR DISSOLVED OXYGEN IN THE DELAWARE RIVER FROM TRENTON NJ TO EASTON PA.

EPAW00993 DATE: 72-09
CLOSE CYCLE OPERATIONS BY INDUSTRY PROCEEDINGS WATER QUALITY SEMINAR
AUTHOR(S): PORGES R GROSS S P TYPE(S): PM CATEGORIES: D E T
SOURCE(S): DRBC COST: 2.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
WATER REUSE
REMARKS AND ABSTRACT:
AUTH: SUTNICK M, KAZMIERCZAK L, REITER W, LARDIERI N, CONLON T, HAMMANN C, SHAY W, MATTAIR R, KAPLOVSKY J, REY G, WEINB
PROCEEDINGS OF A ONE-DAY SEMINAR DIRECTED TO EXAMINATION OF THE POTENTIAL AND PROSPECTS OF CLOSED CYCLE OPERATIONS AS AN
ALTERNATIVE TO MEETING CURRENT WATER QUALITY REQUIREMENTS AND TO SATISFY PROJECT REQUIREMENTS THEN UNDER LEGISLATIVE
CONSIDERATION, PAPERS DISCUSSED POSSIBILITIES IN THE PETROLEUM, CHEMICAL, STEEL, PAPER, PHARMACEUTICAL, AND ELECTROPLATI
INDUSTRIES, WASTE RESIDUES, AND RESEARCH NEEDS.

EPAW00994 DATE: 71-12
REGIONAL PILOT PLANT STUDIES AT DEEPWATER NJ
AUTHOR(S): PORGES R TYPE(S): PM CATEGORIES: D P
SOURCE(S): DRBC COST: 0.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ADMINISTRATIVE AGENCIES TERTIARY TREATMENT BIOLOGICAL TREATMENT ACTIVATED SLUDGE
WASTEWATER TREATMENT DESIGN INDUSTRIAL WASTES DOMESTIC WASTEWATERS REGIONALIZATION
PRETREATMENT SECONDARY TREATMENT
REMARKS AND ABSTRACT:
PRESENTED AT 64TH ANN. AMER. INST. CHEM. ENGRS. MET., SAN FRANCISCO, CALIF., NOV. 28 - DEC. 2, 1971
PILOT PLANT STUDIES TO DESIGN A REGIONAL COLLECTION AND TREATMENT SYSTEM TO SERVE ABOUT 10 INDUSTRIES AND 4
MUNICIPALITIES IN A REGION EXTENDING 25 - 30 MILES ALONG THE DELAWARE RIVER IN NJ ARE DESCRIBED. FINANCED BY A FEDERAL
GRANT, POTENTIAL PARTICIPANTS, AND DBRC, COMPLEX INDUSTRIAL WASTES WERE COLLECTED AND BROUGHT TO THE PILOT PLANT BY
TRUCK FOR COMPOSITING TO OBTAIN A REPRESENTATIVE WASTE. THE STUDIES DEMONSTRATED THE TREATABILITY OF THE COMPOSITED
AND INDIVIDUAL WASTES BY ACTIVATED SLUDGE.

EPAW00995 DATE: 70-00
BRUSH CREEK BOUNCES BACK
AUTHOR(S): FINLEY TYPE(S): MP CATEGORIES: E P
SOURCE(S): FINLEY COST: 22.50 R LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
FLOODS WATER STORAGE RESERVOIRS WATER QUALITY
ECOLOGY ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
16MM, 22 MIN., COLOR; PURCHASE PRICE: $225.00
A SMALL WATERSHED PROJECT WHICH PROVIDES FLOOD CONTROL, POLLUTION CONTROL, ETC.

EPAWCC996 DATE: 76-99
YOUTH (OUT OF PRINT)
AUTHOR(S): FINLEY
SOURCE(S): FINLEY COST: 0.00 TYPE(S): MP CATEGORIES:
SUBJECT AREAS: LEVEL: COPYRIGHT:

REMARKS AND ABSTRACT:

EPAW00997 DATE: 69-00
LITTLE RIVERS
AUTHOR(S): NY STATE FINLEY TYPE(S): MP CATEGORIES: E P
SOURCE(S): FINLEY COST: 20.00 R LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
DOMESTIC WASTEWATERS FLOODS WATER QUALITY WATER STORAGE
ENVIRONMENTAL CONTROL WATER STORAGE
REMARKS AND ABSTRACT:
16MM, 20 MIN., COLOR; PURCHASE PRICE: $200.00
A PROPOSED WATER RESOURCES DEVELOPMENT SYSTEM FOR AN URBAN AREA.

EPAWCC998 DATE: 65-00
OOPS
AUTHOR(S): ORSANCC FINLEY TYPE(S): MP CATEGORIES: E M O P
SOURCE(S): FINLEY COST: 20.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SPILLS (OIL) WATER QUALITY INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
16MM, 20 MIN., COLOR; PURCHASE PRICE: $200.00 P
SHOWS HOW EMPLOYEES AND MANAGEMENT CAN PREVENT SPILLS FROM MANUFACTURING PLANTS.

EPAW00999 DATE: 62-00
20TH CENTURY RIVER
AUTHOR(S): CORPS OF ENGINEERS FINLEY TYPE(S): MP CATEGORIES: E P
SOURCE(S): FINLEY COST: 20.00 R LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
FLOODS WATER STORAGE WATER QUALITY RIVERS
DOMESTIC WASTEWATERS ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
16MM, 29 MIN., COLOR; PURCHASE PRICE: $200.00
THE CORPS OF ENGINEERS RIVER EVALUATION PROGRAM.

EPAW01000 DATE: 66-00
WATER RESOURCEFULNESS
AUTHOR(S): NY STATE FINLEY TYPE(S): MP CATEGORIES: E P
SOURCE(S): FINLEY COST: 20.00 R LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
FLOODS WATER STORAGE WATER QUALITY ADMINISTRATIVE AGENCIES
BIOLOGY ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
16MM, 22 MIN, COLOR; PURCHASE PRICE: 020000P.
NEW YORK STATE'S COMPREHENSIVE WATER RESOURCES PROGRAM.

EPAW01001
ONE TWO THREE CLEAN
AUTHOR(S): FINLEY
SOURCE(S): FINLEY
SUBJECT AREAS:
WATER QUALITY
DOMESTIC WASTEWATERS
REMARKS AND ABSTRACT:
COST: 20.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E O P
COPYRIGHT: C
DATE: 74-01
PRIMARY TREATMENT
TERTIARY TREATMENT
SECONDARY TREATMENT
BIOLOGY
ENVIRONMENTAL CONTROL
16MM, 13 MIN., COLOR; PURCHASE PRICE: 020000P
SHOWS HOW A TERTIARY SEWAGE TREATMENT PLANT WORKS.

EPAW01002
WATER QUALITY PLANNING
AUTHOR(S): MD ICPRB
SOURCE(S): MD ICPRB
SUBJECT AREAS:
WATER QUALITY
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P
COPYRIGHT:
DATE: 73-00
PLANNING
32 PP.
PROCEEDINGS OF THE ANNUAL SPRING MEETING HELD ON MAY 10, 1973 AT NEW CARROLLTON, MD BY ICPRB.

EPAW01003
PROGRAM FOR ACCIDENTAL SPILL REPORTING (OUT OF PRINT)
AUTHOR(S): MD ICPRB
SOURCE(S): MD ICPRB
SUBJECT AREAS:
SPILLS (CHEMICAL)
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99

EPAW01004
ECONOMIC IMPACT OF COAL MINING AND STATE REPORTS ON WATER POLLUTION CONTROL
AUTHOR(S): MD ICPRB
SOURCE(S): MD ICPRB
SUBJECT AREAS:
ACID MINE DRAINAGE
ECONOMICS
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P
COPYRIGHT:
DATE: 72-11
ENVIRONMENTAL EFFECTS
RIVERS
ADMINISTRATIVE AGENCIES
LAND RECLAMATION
WATER QUALITY
20 PP.
PROCEEDINGS FROM ICPRB'S ANNUAL FALL MEETING HELD IN CUMBERLAND, MD, NOV 1-3, 1972 BY ICPRB.

EPAW01005
POPULATION AND POLLUTION
AUTHOR(S): BERLET W H
SOURCE(S): FILM BUR
SUBJECT AREAS:
WATER QUALITY
REMARKS AND ABSTRACT:
STAPP W B
COST: 12.50 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 70-12
CONSERVATION
16MM, 17 MIN., COLOR, SALE $225
SHOWS THAT THE PROBLEMS OF POLLUTION ARE CAUSED BOTH BY MISUSE OF THE ENVIRONMENT AND BY THE GREAT DEMANDS OF A GROWING POPULATION. EMPHASIZES THE NEED FOR CHANGES IN ATTITUDE AND A COMMITMENT TO FINDING BOTH SHORT-RANGE AND LONG-RANGE SOLUTIONS TO PROBLEMS OF AIR, WATER, AND LAND POLLUTION.

EPAW01006
FOR GRANTED THE WATER WE DRINK (OUT OF PRINT) DATE: 76-99
AUTHOR(S): NET TYPE(S): MP CATEGORIES:
SOURCE(S): IN UNIV COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM, 17 MIN., COLOR

EPAW01007
SLOW DEATH OF THE DESERT WATER DATE: 70-00
AUTHOR(S): NET TYPE(S): MP CATEGORIES: E T
SOURCE(S): IN UNIV COST: 12.50 R LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
ENVIRONMENTAL CONTROL LAKES WATER QUALITY TOXICITY TO FISH
REMARKS AND ABSTRACT:
16MM, 30 MIN., COLOR
PYMAID LAKE, IN NEVADA, IS DRYING UP BECAUSE OF MAN'S INTERFERENCE WITH NATURE. THE SOURCES OF WATER IS A RIVER FROM LAKE TAHOE, BUT DAMS DIVERT MOST FOR OTHER PURPOSES AND LAKE TAHOE, ITSELF, IS BECOMING POLLUTED. SOME FISH ARE ALREADY EXTINCT AND THE EXISTENCE OF WHITE PELICANS AND CUI-CUI, A DESERT FISH FOUND NOWHERE ELSE IN THE WORLD, IS THREATENED. THERE ARE ALSC SONIC BOOMS WHICH GULLS HAVE LEARNED TO CAPITALIZE UPON FOR FOOD AT THE EXPENSE OF OTHER BIRDS.

EPAW01008
WATER FOR A THIRSTY WORLD (OUT OF PRINT) DATE: 54-00
AUTHOR(S): NET TYPE(S): MP CATEGORIES:
SOURCE(S): IN UNIV COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM, 30 MIN., BLACK AND WHITE

EPAW01009
MODERN WATER TREATMENT DATE: 76-99
AUTHOR(S): INFILCO TYPE(S): MP CATEGORIES: O D
SOURCE(S): INFILCO COST: 0.00 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
WATER TREATMENT
REMARKS AND ABSTRACT:
16MM.
REVIEW OF WATER TREATMENT METHODS.

EPAW01010
ACCELATOR
AUTHOR(S): INFILCO
SOURCE(S): INFILCO
SUBJECT AREAS:
SEDIMENTATION
REMARKS AND ABSTRACT:
(N530), 16 MM, 17 MIN, COLOR (ACCOMPANYING PRINTED MATTER $.60).
DESCRIBES THE OPERATION OF THE ACCELATOR.
DATE: 76-99
COST: 0.60 P
TYPE(S): PM MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:

EPAW01011
WATER WASTE REUSE
AUTHOR(S): INFILCO
SOURCE(S): INFILCO
SUBJECT AREAS:
WATER REUSE
REMARKS AND ABSTRACT:
DESCRIBES POSSIBLE RECYCLING TECHNOLOGIES.
DATE: 76-00
COST: 0.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
COPYRIGHT:

EPAW01012
BIOASSAY TECHNIQUES AND ENVIRONMENTAL CHEMISTRY
AUTHOR(S): GLASS G E
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
BIOASSAY
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
496 PP, 128 FIGURES, 596 REFERENCES.
DDESCRIBES BIOASSAY TECHNIQUES COMPLETELY FOR A WIDE VARIETY OF ORGANISMS AND CONDITIONS.
STATE-OF-THE-ART IS APPLIED TO SOLVING ENVIRONMENTAL PROBLEMS USING BIOLOGICAL AND CHEMICAL INDICATORS.
LIVING ORGANISMS STUDIED AS INDICATORS OF ENVIRONMENTAL POLLUTION -- STRESSES AND EFFECTS.
PROVIDES EXAMPLES OF END POINTS AND INDICATORS USED IN BIOASSAY.
DDESCRIBES CONDITIONS AND SUPPORTING TECHNIQUES FOR BIOASSAY AND APPLICATIONS.
DATE: 73-00
ANN ARBOR
COST: 20.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E O T
COPYRIGHT: C
ORGANIC CONTAMINANTS
BIOLOGICAL ANALYSIS
CHEMICAL ANALYSIS

EPAW01013
ENVIRONMENTAL MERCURY CONTAMINATION
AUTHOR(S): HARTUNG R
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
CHEMICAL TRANSPORT
REMARKS AND ABSTRACT:
358 PP, 69 FIGURES, 80 TABLES.
COMPREHENSIVE PRESENTATION AND ANALYSIS OF FACTORS IN THE CAUSES AND EFFECTS OF ENVIRONMENTAL MERCURY CONTAMINATION
DISCUSSES SOURCES AND SUBSEQUENT DISTRIBUTION AND TRANSPORT OF MERCURY.
CENTRAL ROLES OF THE METHYLATION PROCESS AND FOOD CHAIN PHENOMENA ARE EXPLORED.
PRESENTS DETAILED SUMMARIES OF EFFECTS OF ACUTE AND CHRONIC EXPOSURES TO INORGANIC AND ORGANIC MERCURY COMPOUNDS.
DATE: 72-00
DINMAN B D
COST: 22.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O P S T
COPYRIGHT: C
ENVIRONMENTAL CONTROL
MERCURY

EPAW01014

BIOLOGICAL INDICATORS OF ENVIRONMENTAL QUALITY
AUTHOR(S): THOMAS W A GOLDSTEIN G
SOURCE(S): ANN ARBOR COST: 16.50 P
SUBJECT AREAS:
ENVIRONMENTAL CONTROL BIOLOGY
WATER QUALITY MONITORING INDEXES AND BIBLIOGRAPHIES
TYPE(S): PM LEVEL: 3
CATEGORIES: L M O S T COPYRIGHT: C
DATE: 73-00
REMARKS AND ABSTRACT:
AUTH: WILCOX W H, 254 PP.
SOURCE BOOK ON BIOLOGICAL INDICATORS -- LIVING ORGANISMS AS THEY PROVIDE ASSESSMENT OF ENVIRONMENTAL QUALITY.
COMPILATION OF ABSTRACTS TO PROMOTE USE OF THESE MONITORS, AND TO EMPHASIZE PRACTICAL ASPECTS OF THEIR INTERPRETATION.
DEALS WITH CELL-FREE SYSTEMS; CULTURED CELLS-TISSUES, AND ORGANS; PLANT TISSUE; ORGANISMS.

EPAW01015

DETECTION AND DETERMINATION OF TRACE ELEMENTS
AUTHOR(S): PINTA M
SOURCE(S): ANN ARBOR COST: 24.50 P
SUBJECT AREAS:
ANALYTICAL TECHNIQUES TRACE METALS
SAMPLING
TYPE(S): PM LEVEL: 3
CATEGORIES: O T COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
6TH ENGLISH PRINTING, 588 PP, 2344 REFERENCES.
COMPLETE PRESENTATION OF BASIC AVAILABLE METHODS OF TRACE ANALYSIS OF EACH ELEMENT.
ENABLES READER TO SELECT METHOD OF ANALYSIS TO PRODUCE ULTIMATE RELIABILITY, SENSITIVITY, ACCURACY, RAPIDITY.
COVERS ABSORPTION SPECTROPHOTOMETRY OR COLORIMETRY; EMISSION SPECTROPHOTOMETRY; NEW CONCEPT OF POLAROGRAPHIC ANALYSIS.
PRESENTS GENERAL SURVEY OF OTHER METHODS SUCH AS FLUORESCENCE AND X-RAY SPECTROSCOPY AND RADIOCHEMICAL METHODS.
FOR AIR AND WATER POLLUTION CONTROL, BIOLOGY, CHEMISTRY, NUCLEAR CHEMISTRY.

EPAW01016

HOW TO SAY IT SO THEY HEAR IT
AUTHOR(S): SHOWALTER D
SOURCE(S): ANN ARBOR COST: 7.50 P
SUBJECT AREAS:
PUBLIC SPEAKING
TYPE(S): PM LEVEL: 2
CATEGORIES: S COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
160 PP.
SHOWS HOW TO FACE AN AUDIENCE, SPEAK (OR WRITE TO) AN AUDIENCE, AND PLEASE AN AUDIENCE, LARGE OR SMALL.
PRECISE, CONCRETE GUIDEPOSTS TO GETTING IT SAID, AND BEING HEARD.

EPAW01017

CONTROL OF SULPHIDES IN SEWERAGE SYSTEMS
AUTHOR(S): THISTLETHWAYTE D
SOURCE(S): ANN ARBOR COST: 24.50 P
SUBJECT AREAS:
SEWERS SULFIDES
CORROSION
TYPE(S): PM LEVEL: 3
CATEGORIES: M O P S COPYRIGHT:
DATE: 72-00
REMARKS AND ABSTRACT:
154 PP, 98 FIGURES.
EXAMINES EFFECTS OF HYDROGEN SULFIDE ON STRUCTURAL MATERIALS USED IN SEWAGE SYSTEMS AND PROPOSES SOLUTIONS TO PROBLEM.
DESCRIBES SEQUENCE NEEDED FOR HYDROGEN SULPHIDE CORROSION TO OCCUR.
THE SEQUENCE IS FROM SULFIDES IN WASTE MATERIALS, EVOLUTION OF GASEOUS SULFIDES AND OXIDATION PROCESS.
ALSO INCLUDES A DISCUSSION OF RELATED ASPECTS OF SEWAGE VENTILATION, IN REGARD TO SMELLS.
DDISCUSSES RELATED ASPECTS OF SEWAGE VENTILATION IN REGARD TO THE POSSIBLE DEVELOPMENT OF POISONOUS CONDITIONS.

EPAW01018

ANALYSIS OF ORGANIC POLLUTANTS IN WATER AND WASTEWATER
AUTHOR(S): LEITHE W
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
SAMPLING
INSTRUMENTATION (LABORATORY)
ANN ARBOR
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: E O S T
COPYRIGHT: C
DATE: 73-00
ORGANIC CONTAMINANTS
ANALYTICAL TECHNIQUES
POLLUTANTS
REMARKS AND ABSTRACT:
224 PP, 22 FIGURES, 25 TABLES, 346 REFERENCES.
COMPLETE REFERENCE FOR PERFORMING ANALYSIS OF ORGANIC POLLUTANTS.
COVERS WATER TECHNOLOGY, HYGIENE, ENGINEERING ASPECTS.
CHARACTERIZES ANALYTICAL METHODS, PARTICULARLY CHROMATOGRAPHIC SEPARATION, SAMPLING, ENRICHMENT, ODOR TESTING.
DEALS ALSO WITH ELEMENTAL ANALYSIS, INSTRUMENTAL METHODS AND INCLUDES SPECIAL SECTIONS ON INDIVIDUAL POLLUTANTS.
POLLUTANTS COVERED: CYANIDES, PHENOLS, DETERGENTS, HYDROCARBONS, PESTICIDES, UROCHROMIC AGENTS, HUMIC ACID, PUMP WASTE.

EPAW01019

CHEMISTRY OF WATER SUPPLY TREATMENT AND DISTRIBUTION
AUTHOR(S): RUBIN A J
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
TRACE METALS
DISINFECTION
ACTIVATED CARBON
ANN ARBOR
COST: 22.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M L O P S
COPYRIGHT: C
DATE: 74-00
CHEMISTRY
CHLORINATION
ADSORPTION
COAGULATION
FILTRATION
COAGULATION
ANALYTICAL TECHNIQUES
OZONE
REMARKS AND ABSTRACT:
450 PP, 148 FIGURES, 53 TABLES, 418 REFERENCES.
COVERS CURRENT RESEARCH ON CHEMICAL ASPECTS OF PRODUCING AND DELIVERING POTABLE WATER.
COVERS: WATER QUALITY, ANALYTICAL TECHNIQUES, TREATMENT CONSIDERATIONS, AQUEOUS CHEMISTRY OF TRACE ELEMENTS.
ALSO DEALS WITH DISINFECTION OF BACTERIA AND VIRUSES WITH BROMINE AND OZONE AS WELL AS CHLORINE.
CONSIDERS BRAKPOINT CHLORINATION, DECHLORINATION, PRECIPITATION, FILTRATION AND ADSORPTION.
FOR CHEMISTS, CHEMICAL ENGINEERS, MICROBIOLOGISTS, CIVIL ENGINEERS, SANITARY ENGINEERS, BACTERICLOGISTS, VIROLOGISTS.

EPAW01020

APPLIED CHEMISTRY OF WASTEWATER TREATMENT UNIT 1 FUNDAMENTALS ELEMENTS OF BIOLOGICAL WASTEWATER
AUTHOR(S): NANCY K H
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
SELF PACED INSTRUCTION
CERTIFICATION PROGRAMS
MCCLELLAND N
COST: 14.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: T
COPYRIGHT: C
DATE: 73-00
CHEMISTRY
BIOLOGY
POLLUTANTS
REMARKS AND ABSTRACT:
272 PP, AUTH: POHLAND F, COST - 8-UNIT SET $76.00
SELF-TEACHING (PROGRAMMED LEARNING) SERIES FOR PREPARATION FOR MUNICIPAL/STATE CERTIFICATION AS TREATMENT PLANT OPERATOR. FIRST BOOK ON FUNDAMENTALS OF WASTEWATER TREATMENT.

EPAW01021
APPLIED CHEMISTRY OF WASTEWATER TREATMENT UNIT 2 FUNDAMENTALS WATER AND ITS IMPURITIES DATE: 73-00
AUTHOR(S): NANCY K H MCCLELLAND N TYPE(S): PM CATEGORIES: T M
SOURCE(S): ANN ARBOR COST: 14.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION CHEMISTRY CERTIFICATION PROGRAMS
REMARKS AND ABSTRACT:
352 PP, AUTH: POHLAND F COST: 8-UNIT SET $67.00
SECOND BOOK ON FUNDAMENTALS OF WASTEWATER TREATMENT.
SSELF-TEACHING MANUAL TO PREPARE INDIVIDUAL FOR MUNICIPAL/STATE CERTIFICATION AS A TREATMENT PLANT OPERATOR.
BUILT ON INFORMATION PROVIDED IN UNIT 1.

EPAW01022
APPLIED CHEMISTRY OF WASTEWATER TREATMENT UNIT 3 FUNDAMENTALS REACTIONS IN WATER SOLUTIONS DATE: 73-00
AUTHOR(S): NANCY K H MCCLELLAND N TYPE(S): PM CATEGORIES: T M
SOURCE(S): ANN ARBOR COST: 14.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION CHEMISTRY CERTIFICATION PROGRAMS
REMARKS AND ABSTRACT:
252 PP, AUTH: POHLAND F COST: 8-UNIT SET $76.00
THIRD BOOK IN SERIES ON FUNDAMENTALS OF WASTEWATER TREATMENT.
SELF-TEACHING MANUAL TO PREPARE INDIVIDUAL FOR MUNICIPAL/STATE CERTIFICATION AS A TREATMENT PLANT OPERATOR.
BUILT ON INFORMATION PROVIDED IN UNITS 1 AND 2.

EPAW01023
APPLIED CHEMISTRY OF WASTEWATER TREATMENT UNIT 4 FUNDAMENTALS PRINCIPLES OF ADVANCED WASTEWATER DATE: 73-00
AUTHOR(S): NANCY K H MCCLELLAND N TYPE(S): PM CATEGORIES: T
SOURCE(S): ANN ARBOR COST: 14.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION CHEMISTRY CERTIFICATION PROGRAMS
REMARKS AND ABSTRACT:
158 PP, AUTH: POHLAND F COST: 8-UNIT SET $76.00
FOURTH BOOK IN SERIES ON FUNDAMENTALS OF WASTEWATER TREATMENT.
SELF-TEACHING MANUAL TO PREPARE INDIVIDUAL FOR MUNICIPAL/STATE CERTIFICATION AS A TREATMENT PLANT OPERATOR.
BUILT ON INFORMATION PROVIDED IN UNITS 1-3.

EPAW01024
APPLIED CHEMISTRY OF WASTEWATER TREATMENT UNIT 5 APPLICATIONS DISSOLVED OXYGEN DATE: 73-00
AUTHOR(S): NANCY K H MCCLELLAND N TYPE(S): PM CATEGORIES: M T
SOURCE(S): ANN ARBOR COST: 14.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION CHEMISTRY DISSOLVED OXYGEN CERTIFICATION PROGRAMS
REMARKS AND ABSTRACT:
166 PP, AUTH: POHLAND F COST: 8-UNIT SET $76.00
FIRST BOOK IN SERIES TO DEAL WITH APPLICATIONS IN WASTEWATER TREATMENT.
SELF-TEACHING MANUAL TO PREPARE INDIVIDUAL FOR MUNICIPAL/STATE CERTIFICATION AS A TREATMENT PLANT OPERATOR.

EPAW01025
APPLIED CHEMISTRY OF WASTEWATER TREATMENT UNIT 6 APPLICATIONS ORGANIC POLLUTANTS DATE: 73-00
AUTHOR(S): MANCY K H MCCLELLAND N TYPE(S): PM CATEGORIES: M T
SOURCE(S): ANN ARBOR COST: 14.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION CHEMISTRY POLLUTANTS ORGANIC CONTAMINANTS
CERTIFICATION PROGRAMS
REMARKS AND ABSTRACT:
323 PP, AUTH: POHLAND F COST: 8-UNIT SET $76.00
SECOND BOOK IN SERIES TO DEAL WITH APPLICATIONS OF WASTEWATER TREATMENT.
SELF-TEACHING MANUAL TO PREPARE INDIVIDUAL FOR MUNICIPAL/STATE CERTIFICATION AS TREATMENT PLANT OPERATOR.
DEALS WITH ORGANIC POLLUTANTS IN WATER AND WASTEWATER.

EPAW01026
APPLIED CHEMISTRY OF WASTEWATER TREATMENT UNIT 7 APPLICATIONS INORGANIC POLLUTANTS DATE: 73-00
AUTHOR(S): MANCY K H MCCLELLAND N TYPE(S): PM CATEGORIES: M T
SOURCE(S): ANN ARBOR COST: 14.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION CHEMISTRY POLLUTANTS INORGANIC CONTAMINANTS
CERTIFICATION PROGRAMS
REMARKS AND ABSTRACT:
347 PP, AUTH: POHLAND F COST: 8-UNIT SET $76.00
TTHIRD BOOK IN SERIES TO DEAL WITH APPLICATIONS IN WASTEWATER TREATMENT.
SELF-TEACHING MANUAL TO PREPARE INDIVIDUAL FOR MUNICIPAL/STATE CERTIFICATION AS TREATMENT PLANT OPERATOR.
DEALS WITH INORGANIC POLLUTANTS IN WATER.

EPAW01027
APPLIED CHEMISTRY OF WASTEWATER TREATMENT UNIT 8 APPLICATIONS PH AND ALKALINITY DATE: 73-00
AUTHOR(S): MANCY K H MCCLELLAND N TYPE(S): PM CATEGORIES: M T
SOURCE(S): ANN ARBOR COST: 14.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION CHEMISTRY PH ALKALINITY
CERTIFICATION PROGRAMS
REMARKS AND ABSTRACT:
255 PP, AUTH: POHLAND F COST: 8-UNIT SET $76.00
FOURTH BOOK IN SERIES TO DEAL WITH APPLICATIONS IN WASTEWATER TREATMENT.
SELF-TEACHING MANUAL TO PREPARE INDIVIDUAL FOR MUNICIPAL/STATE CERTIFICATION AS TREATMENT PLANT OPERATOR.

EPAW01028
TRACE METALS AND METAL ORGANIC INTERACTIONS IN NATURAL WATERS DATE: 73-00
AUTHOR(S): SINGER P C ANN ARBOR TYPE(S): PM CATEGORIES: M O
SOURCE(S): ANN ARBOR COST: 22.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
TRACE METALS CHEMISTRY WATER SUPPLY TOXICITY TO FISH
AQUATIC PLANTS HEAVY METALS
REMARKS AND ABSTRACT:
364 PP, 82 FIGURES, 620 REFERENCES.
SIGNIFICANCE OF METALS OF DRINKING WATER, TOXICITY TO PLANTS AND MAN, AND NUTRIENT AVAILABILITY ARE DISCUSSED.
DISCUSSES METHODS OF TRACE ANALYSIS IN AQUATIC SYSTEMS, IDENTIFICATION OF ORGANIC MATERIALS IN AQUEOUS SOLUTIONS.
DEALS WITH TRACE ELEMENTS IN NATURAL WATERS AND FACTORS AFFECTING DISTRIBUTION OF TRACE ELEMENTS.
FURTHER CHAPTERS INCLUDE DISCUSSION ON: PATHWAYS OF MERCURY, METAL-ORGANIC COMPLEXES IN NATURAL WATERS;
ALSO, BIODEGRADATION OF NTA METAL CHELATES IN RIVER WATER, CHEMISTRY OF FULVIC ACID AND ITS REACTIONS WITH METAL IONS.

EPAW01030 DATE: 70-00

HOW TO MAKE THE OSHA WORK FOR YOU
AUTHOR(S): SHOWALTER D R
SOURCE(S): ANN ARBOR COST: 10.00 P
TYPE(S): PM LEVEL: 3
CATEGORIES: P S L
COPYRIGHT:
SUBJECT AREAS:
SAFETY O S H A LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
144 PP, FACT SHEETS, STANDARDS INDEX.
GUIDELINE WHICH DEALS WITH THE OSHA FROM THE STANDPOINT OF ITS FAR-REACHING EFFECTS ON EMPLOYER-EMPLOYEE RELATIONS.

EPAW01C31 DATE: 74-00

WATER AND COMMUNITY DEVELOPMENT
AUTHOR(S): FIELD D R BARRON J C
SOURCE(S): ANN ARBOR COST: 12.50 P
TYPE(S): PM LEVEL: 3
CATEGORIES: D O T
COPYRIGHT: C
SUBJECT AREAS:
WATER TREATMENT PLANNING WATER RESOURCES PUBLIC PARTICIPATION
REGIONALIZATION ECONOMICS
REMARKS AND ABSTRACT:
AUTH: LONG B F, 312 PP, 5 FIGURES, 32 TABLES.
EXPLORES CHANGING NATURE OF RESOURCE DEVELOPMENT TO SHOW SOCIAL/ECONOMIC CONSEQUENCES FOR COMMUNITY IN SOCIETY/
INCLUDES THEORETICAL PERSPECTIVES; WATER RESOURCES AND REGIONAL DEVELOPMENT; RESOURCE DEVELOPMENT AND HUMAN RESPONSE.
ALSO DISCUSSES COMMUNITY AND LEISURE; ENVIRONMENTAL DEMANDS ON WATER.
USEFUL AS A TEST AND TO RURAL AND AGRICULTURAL ECONOMISTS, EXTENSION COMMUNITY DEVELOPMENT AGENTS, PUBLIC AGENCY
PLANNERS. ALSO FOR PUBLIC AGENCY PLANNERS, MANAGERS, GEOGRAPHERS, UNIV TEACHERS AND THOSE INVOLVED IN WATER RES MGT.

EPAW01032 DATE: 73-00

OZONE IN WATER AND WASTEWATER TREATMENT
AUTHOR(S): EVANS F L ANN ARBOR
SOURCE(S): ANN ARBOR COST: 14.50 P
TYPE(S): PM LEVEL: 2
CATEGORIES: D O T
COPYRIGHT: C
SUBJECT AREAS:
OZONE DISINFECTION WASTEWATER TREATMENT
REMARKS AND ABSTRACT:
195 PP, 52 FIGURES, 23 TABLES.
DISCUSSES OZONE -- TECHNOLOGY, STATE OF THE ART; IN WATER DISINFECTION; GENERATION AND RELATION TO APPLICATION IN
WASTEWATER TREATMENT. DEALS WITH PRACTICAL ASPECTS OF WATER AND WASTE TREATMENT BY OZONE; OZONE AS A WATER AND WASTE-
WATER DISINFECTANT. OF INTEREST TO SANITARY ENGINEERS FOR PRINCIPLES AND PRACTICE OF MINICIPAL AND INDUSTRIAL WASTE
TREATMENT. OF VALUE TO CONSULTING ENGINEERS FOR ITS DESIGN CONCEPTS AND TO CHEMISTS FOR USES OF OZONE.
USEFUL TO EQUIPMENT MANUFACTURERS FOR POSSIBLE NEW MARKETS AND IMPROVED TECHNOLOGY.

EPAW01033 DATE: 73-00

MATHEMATICS FOR WATER AND WASTEWATER TREATMENT PLANT OPERATORS BOOK 1 FUNDAMENTAL
AUTHOR(S): KIRKPATRICK J
SOURCE(S): ANN ARBOR COST:
TYPE(S): PM LEVEL: 0
CATEGORIES: M O
COPYRIGHT: C
SUBJECT AREAS:
MATHEMATICS CONVERSION TABLES FLOW MEASUREMENT GRIT REMOVAL
PRIMARY TREATMENT SECONDARY TREATMENT STABILIZATION LAGOONS TRICKLING FILTERS
ACTIVATED SLUDGE SLUDGE TREATMENT CHLORINATION SLUDGE DIGESTION
DILUTION PHYSICAL ANALYSIS
REMARKS AND ABSTRACT:
490PP
ORGANIZED BY SPECIFIC TREATMENT PROCESS TO INTRODUCE OPERATORS TO BEGINNING MATHEMETICS ASSOCIATED WITH THAT
PROCESS. MODULAR SELF INSTRUCTIONAL APPROACH USED TO INTRODUCE OPERATOR TO 'PASSWORDS' OF MATHEMATICS.
FOLLOWED BY BOOK 2 (ADVANCED). NUMEROUS ILLUSTRATED EXAMPLES, PROBLEMS (AND THEIR SOLUTIONS). INDEX.

EPAW01034

MATHEMATICS FOR WATER AND WASTEWATER TREATMENT PLANT OPERATORS BOOK 2 ADVANCED
AUTHOR(S): KIRKPATRICK J
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
MATHEMATICS
PRIMARY TREATMENT
ACTIVATED SLUDGE
DILUTION
REMARKS AND ABSTRACT:
435PP
ORGANIZED BY SPECIFIC TREATMENT PROCESS TO INTRODUCE OPERATOR TO ADVANCED MATHEMATICS ASSOCIATED WITH THAT PROCESS. SEQUEL TO BOOK 1 (BEGINNING). NUMEROUS ILLUSTRATED EXAMPLES, PROBLEMS (WITH THEIR SOLUTIONS). INDEX.

COST:
CONVERSION TABLES
SECONDARY TREATMENT
SLUDGE TREATMENT
PHYSICAL ANALYSIS

TYPE(S): PM
LEVEL: 1

FLOW MEASUREMENT
STABILIZATION LAGOONS
CHLORINATION

CATEGORIES: M O
COPYRIGHT: C

GRIT REMOVAL
TRICKLING FILTERS
SLUDGE DIGESTION

DATE: 73-00

EPAW01035

WATER QUALITY INSTRUMENTATION VOLUME 1
AUTHOR(S): SCALES J W
SOURCE(S): ISA
SUBJECT AREAS:
INSTRUMENTATION (PLANT)
REMARKS AND ABSTRACT:
ORDER NO. H87
SIXTEEN ISA SYMPOSIUM PAPERS ON WATER QUALITY MEASURMENT AND TELEMETRY; INSTRUMENTATION PROCESSES FOR, AND APPLICATIONS AND MONITORING OF WATER POLLUTION CONTROL

COST: 11.00 P
MONITORING

TYPE(S): PM
LEVEL: 3

WATER QUALITY

CATEGORIES: D E M O P
COPYRIGHT:

DATE: 76-99

EPAW01036

WATER QUALITY INSTRUMENTATION VOLUME 2
AUTHOR(S): SCALES J W
SOURCE(S): ISA
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY)
TURBIDITY
REMARKS AND ABSTRACT:
ORDER NO. H8 15
TWENTY RECENT ISA SYMPOSIA PAPERS ON TOPICS RANGING FROM INDIVIDUAL POLLUTANT MEASUREMENTS AND SAMPLE CONDITIONERS TO WATER QUALITY CONTROL AND DATA ACQUISITION SYSTEMS.

COST: 13.00 P
MONITORING
SAMPLING

TYPE(S): PM
LEVEL: 3

DATA EVALUATION

CATEGORIES: D M O P S
COPYRIGHT:

CONDUCTIVITY

DATE: 76-99

EPAW01039

WATER POLLUTION MICROBIOLOGY
AUTHOR(S): MITCHELL R
SOURCE(S): WILEY
SUBJECT AREAS:
MICROBIOLOGY
REMARKS AND ABSTRACT:
416PP.
AN UP-TO-DATE TEXT FOR ADVANCED COURSES IN WHICH MODERN MICROBIOLOGICAL CONCEPTS ARE APPLIED TO THE SOLUTION OF PROBLEMS IN WATER POLLUTION CONTROL.

COST: 25.75 P

TYPE(S): PM
LEVEL: 3

CATEGORIES: T
COPYRIGHT: C

DATE: 72-00

EPAW01040 DATE: 72-00

PHYSICCHEMICAL PROCESSES FOR WATER QUALITY CONTROL
AUTHOR(S): WEBER W J
SOURCE(S): WILEY
COST: 23.25 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D T
COPYRIGHT:
SUBJECT AREAS:
PROCESS CONTROL
ION EXCHANGE
CORROSION
PHYSICAL TREATMENT
DISINFECTION
SLUDGE TREATMENT
CHEMICAL TREATMENT
FILTRATION
COAGULATION
ADSORPTION
REMARKS AND ABSTRACT:
(ORDER NO 0 471 92435-0), 640 PP.
COMPREHENSIVE TREATISE ON THE PRINCIPLES AND APPLICATIONS OF CHEMICAL AND PHYSICAL-CHEMICAL METHODS OF WATER AND WASTEWATER TREATMET. EMPHASIZES THE FUNDAMENTALS OF PROCESS DYNAMICS, REACTION DYNAMICS, AND REACTOR SYSTEMS.

EPAW01041 DATE: 72-00

ENVIRONMENTAL ENGINEERING AND SANITATION
AUTHOR(S): SALVATO J A
SOURCE(S): WILEY
COST: 27.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T D P
COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
PLANT CONSTRUCTION
REMARKS AND ABSTRACT:
(ORDER NO 0 471 75077-8) 2ND ED, 919 PP, TABLES, PLATES AND FIGURES.
EMPHASIZES THE PRACTICAL APPLICATIONS OF SANITARY AND ENGINEERING PRINCIPLES TO ENVIRONMENTAL CONTROL IN URBAN, SUBURBAN, AND RURAL COMMUNITIES. STRESSES THE IMPORTANCE OF CONSIDERING THE EFFECTS THAT NEW CONSTRUCTION, DEMOGRAPHIC CHANGES, AND ALTERATIONS OF NATURAL RESOURCES HAVE ON EACH OTHER.

EPAW01042 DATE: 72-00

SALINITY AND WATER USE
AUTHOR(S): TALSMA T
PHILIP J R
SOURCE(S): WILEY HALSTED
COST: 17.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES:
COPYRIGHT: C
SUBJECT AREAS:
WATER CHARACTERISTICS
REMARKS AND ABSTRACT:
396 PP.
PAPERS PRESENTED AT THE SECOND NATIONAL SYMPOSIUM ON HYDROLOGY ORGANIZED BY THE AUSTRALIAN ACADEMY OF SCIENCE. THE PAPERS RANGE WIDELY FROM THE GEOCHEMISTRY, SOIL PHYSICS, HYDRAULICS AND BIOLOGY OF SALINITY TO LEGAL AND ADMINISTRATIVE ASPECTS.

EPAW01043 DATE: 58-00

SEWERAGE AND SEWAGE TREATMENT
AUTHOR(S): BABBITT H E
BAUMAN E R
SOURCE(S): WILEY
COST: 23.95 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O P T
COPYRIGHT: C
SUBJECT AREAS:
WASTEWATER TREATMENT
COLLECTION SYSTEMS
REMARKS AND ABSTRACT:
790PP., 8TH ED.
AN INTRODUCTORY TEXT TO WASTEWATER COLLECTION AND TREATMENT FOR THE ENGINEERING STUDENT.

EPAW01044
SEEPAGE DRAINAGE AND FLOW NETS
AUTHOR(S): CEDERGREN H R
SOURCE(S): WILEY
COST: 25.75 P
TYPE(S): PM
LEVEL: 2
DATE: 67-00
CATEGORIES: T
COPYRIGHT: C
SUBJECT AREAS:
GROUNDWATER
REMARKS AND ABSTRACT:
489PP.
PRESENTS SEEPAGE AND DRAINAGE PRINCIPLES AS PRACTICAL TOOLS FOR SOLVING EVERYDAY PROBLEMS. GIVES MANY ILLUSTRATED EXAMPLES SHOWING HOW ENGINEERING WORKS CAN BE PERMANENTLY PROTECTED FROM THE DAMAGING ACTIONS OF GROUND-WATER AND SEEPAGE.

EPAW01045
SEWAGE TREATMENT
AUTHOR(S): IMHOFF K
FAIN G M
SOURCE(S): WILEY
COST: 18.50 P
TYPE(S): PM
LEVEL: 2
DATE: 56-00
CATEGORIES: T D
COPYRIGHT: C
SUBJECT AREAS:
WATER TREATMENT
WATER DISTRIBUTION
WASTEWATER TREATMENT
SEWERS
REMARKS AND ABSTRACT:
388PP.; 3RD EC.
PRESENTS THE REQUIREMENTS AND PRACTICES OF MODERN SEWAGE TREATMENT.

EPAW01046
ELEMENTARY THEORETICAL FLUID MECHANICS (OUT OF PRINT)
AUTHOR(S): BRENKERT K
SOURCE(S): WILEY
COST: 10.95 P
TYPE(S): PM
LEVEL:
DATE: 76-99
CATEGORIES:
COPYRIGHT:
SUBJECT AREAS:
PHYSICS
REMARKS AND ABSTRACT:
(OUT OF PRINT)

EPAW01047
CLEAR WRITING
AUTHOR(S): GILBERT M B
SOURCE(S): WILEY
COST: 4.95 P
TYPE(S): PM
LEVEL: 1
DATE: 72-00
CATEGORIES: T
COPYRIGHT: C
SUBJECT AREAS:
TECHNICAL WRITING
REMARKS AND ABSTRACT:
336PP.; SELF-TEACHING GUIDE SERIES.
CONTAINS A CHECKLIST OF BASIC TECHNIQUES FOR CLEAR WRITING AND FOUR COMPREHENSIVE CHARTS FOR QUICK REVIEW.

EPAW01048
LETTERS THAT MEAN BUSINESS
AUTHOR(S): GILBERT M B
SOURCE(S): WILEY
SUBJECT AREAS:
COMMUNICATION (WRITTEN)
COST: 4.95 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: T
COPYRIGHT: C
DATE: 73-00
REMARKS AND ABSTRACT:
256PP.: SELF-TEACHING GUIDE SERIES.
PROVIDES A STEP-BY-STEP PLAN FOR WRITING, EDITING, AND TYPING ANY BUSINESS COMMUNICATION. AN EXCELLENT REFERENCE FOR ANYONE IN BUSINESS OR IN SCHOOL.

EPAW01049
MATH SHORTCUTS
AUTHOR(S): LOCKE E M
SOURCE(S): WILEY
SUBJECT AREAS:
MATHEMATICS
COST: 2.95 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: T
COPYRIGHT: C
DATE: 72-00
REMARKS AND ABSTRACT:
SELF-TEACHING GUIDE SERIES SERIES, 166PP.
SHORTCUTS FOR SOLVING MATH PROBLEMS.

EPAW01050
BUSINESS MATHEMATICS
AUTHOR(S): LOCKE E M
SOURCE(S): WILEY
SUBJECT AREAS:
MATHEMATICS
COST: 4.95 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: T
COPYRIGHT: C
DATE: 72-00
REMARKS AND ABSTRACT:
SELF TEACHING GUIDE SERIES, 463PP.
AN INTRODUCTION TO BUSINESS MATH.

EPAW01051
BUSINESS STATISTICS
AUTHOR(S): KOOSIS D J
SOURCE(S): WILEY
SUBJECT AREAS:
STATISTICAL ANALYSIS
COST: 3.95 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
COPYRIGHT: C
DATE: 72-00
REMARKS AND ABSTRACT:
SELF-TEACHING GUIDE SERIES, 296PP.
INTRODUCES STUDENTS TO THE BASIC METHODS AND CONCEPTS OF STATISTICS AS IT IS USED TODAY IN BUSINESS AND INDUSTRY. TEACHES HOW TO PERFORM USEFUL STATISTICAL TESTS AND PROCEDURES, AND HOW TO INTERPRET THE RESULTS.

EPAW01052

ACCOUNTING ESSENTIALS
AUTHOR(S): MARGOLIS M HARMON N P
SOURCE(S): WILEY
SUBJECT AREAS:
BUDGET AND ACCOUNTING
COST: 3.95 P TYPE(S): PM LEVEL: 1 CATEGORIES: T COPYRIGHT: C DATE: 72-00
REMARKS AND ABSTRACT:
308PP.; SELF TEACHING GUIDE SERIES.
INTRODUCES THE BASICS OF ACCOUNTING AND BOOKKEEPING. HOW TO JOURNALIZE TRANSACTIONS, POST TO LEDGERS, SUMMARIZE IN PERIODIC FINANCIAL STATEMENTS, AND INTERPRET THE RESULTS. SHOWS HOW TO APPLY THE PROCEDURES TO MERCHANDISE, PAYROLL, AND INVENTORY ACCOUNTING.

EPAW01053

SPELLING FOR ADULTS
AUTHOR(S): RYAN C W
SOURCE(S): WILEY
SUBJECT AREAS:
COMMUNICATION (WRITTEN)
COST: 3.95 P TYPE(S): PM LEVEL: 1 CATEGORIES: T COPYRIGHT: C DATE: 73-00
REMARKS AND ABSTRACT:
220PP.; SELF TEACHING GUIDE SERIES.
DEVELOPS ABILITY TO FOCUS ON PROBLEM AREAS WITHIN WORDS. TEACHES THROUGH EXAMPLE AND PRACTICE, HOW TO APPLY SOME BASIC RULES TO SOLVE SPELLING DIFFICULTIES.

EPAW01054

ADDING MACHINES AND CALCULATORS
AUTHOR(S): MERCHANT R
SOURCE(S): WILEY
SUBJECT AREAS:
EQUIPMENT (OFFICE)
COST: 2.95 TYPE(S): PM LEVEL: 1 CATEGORIES: O COPYRIGHT: C DATE: 74-00
REMARKS AND ABSTRACT:
182PP.; SELF TEACHING GUIDE SERIES.
EXPLAINS HOW TO USE STANDARD AND ELECTRONIC CALCULATING MACHINES MOST EFFECTIVELY IN BUSINESS, SCHOOL, OR ON THE JOB. TEACHES FUNDAMENTAL BUSINESS PROCEDURES APPLICABLE FOR ALL MACHINES. REVIEWS BASIC BUSINESS MATHEMATICAL CONCEPTS, AND INCLUDES HELPFUL APPENDICES FOR ROUNDING, ESTIMATING, PERCENTAGE AND RECIPROCALS.

EPAW01055

WRITING A PRACTICAL GUIDE FOR BUSINESS AND INDUSTRY
AUTHOR(S): RYAN C W
SOURCE(S): WILEY
SUBJECT AREAS:
TECHNICAL WRITING
COST: 4.95 P TYPE(S): PM LEVEL: 1 CATEGORIES: T COPYRIGHT: C DATE: 74-00
REMARKS AND ABSTRACT:
SELF TEACHING GUIDE SERIES, 256PP.
TEACHES EFFECTIVE TECHNIQUES THROUGH ACTUAL PRACTICE FOR ANYONE WHO WRITES ON TECHNICAL SUBJECTS. COVERS ALL THE PROCEDURES OF TECHNICAL WRITING - FROM RESEARCH AND ORGANIZATION TO THE FINAL PRODUCTION OF A PUBLICATION, STYLE - FORMAT - AND THE APPROACH TO STANDARD TECHNICAL DOCUMENTS.

EPAW01056
PRACTICAL ALGEBRA DATE: 74-00
AUTHOR(S): SELBY P H TYPE(S): PM CATEGORIES: T
SOURCE(S): WILEY COST: 4.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
SELF TEACHING GUIDE SERIES, 326PP.
PROVIDES A THOROUGH WORKING KNOWLEDGE OF ALGEBRAIC METHODS. EMPHASIZES TECHNIQUES AND PROBLEM SOLVING. PROVIDES SAMPLE PROBLEMS AND EXAMPLES TO ASSURE LEARNING AT EACH STEP. INCLUDES REVIEW PROBLEMS AND SELF-TESTS. USEFUL AS A REFRESHER OR AS A CONDENSED INTRODUCTION TO ALGEBRA.

EPAW01057
READING SKILLS DATE: 74-00
AUTHOR(S): ADAMS W R TYPE(S): PM CATEGORIES: T
SOURCE(S): WILEY COST: 3.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
SELF TEACHING GUIDE SERIES, 245PP.
HELPS STUDENTS IMPROVE COMPREHENSION AND BUILD THE SCANNING AND SKIMMING TECHNIQUES THEY NEED IN ALL THEIR READING. CONTAINS EXERCISES IN READING PARAGRAPHS, TEXTBOOK SELECTIONS, AND FULL LENGTH ARTICLES. PROVIDES PRACTICE IN RECOGNIZING MAIN IDEAS, SUPPORTING DETAIL, WRITING PATTERNS, AND DRAWING REFERENCES.

EPAW01058
SKILLS FOR EFFECTIVE COMMUNICATION A GUIDE TO BUILDING RELATIONSHIPS DATE: 74-00
AUTHOR(S): BECVAR R J TYPE(S): PM CATEGORIES: T
SOURCE(S): WILEY COST: 4.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION (ORAL) HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
218PP.; SELF TEACHING GUIDE SERIES.
HELPS STUDENTS LEARN EFFECTIVE METHODS FOR COMMUNICATING WITH OTHERS. DEVELOPS A GREATER UNDERSTANDING OF THE DYNAMICS OF HUMAN RELATIONS.

EPAW01059
TITRATION DATE: 69-00
AUTHOR(S): SLABAUGH W H TYPE(S): MP CATEGORIES: M
SOURCE(S): WILEY COST: 22.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
LABORATORY SKILLS
REMARKS AND ABSTRACT:
8MM, FILM LOOPS.
INTRODUCTION TO THE TECHNIQUES OF ACID BASIC TITRATION INVOLVING THE BURET WITH GLASS STOPCOCK, PIPET BULB, INDICATORS, SAMPLE CALCULATIONS.

EPAW01060
SARTORIUS BALANCE 2400
AUTHOR(S): SLABAUGH W H
SOURCE(S): WILEY
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY)
COST: 22.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 69-00
REMARKS AND ABSTRACT:
8MM, FILM LOOPS.
INSTRUCTIONS FOR OPERATING THE AUTOMATIC ANALYTICAL BALANCE.

EPAW01061
COLORIMETRY PART I
AUTHOR(S): SLABAUGH W H
SOURCE(S): WILEY
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY)
COST: 22.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 69-00
REMARKS AND ABSTRACT:
8MM, FILM LOOPS.
THEORY WITH BEER'S LAW AND SPECTRONIC 20 COLORIMETER.

EPAW01062
COLORIMETRY PART II
AUTHOR(S): SLABAUGH W H
SOURCE(S): WILEY
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY)
COST: 22.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 69-00
REMARKS AND ABSTRACT:
8MM, FILM LOOPS.
DIRECTIONS FOR COLORMETRY AND SPECTROPHOTOMETRY WITH SPECTRONIC 20. SUGGESTED EXERCISES.

EPAW01063
PH METER
AUTHOR(S): SLABAUGH W H
SOURCE(S): WILEY
SUBJECT AREAS:
PH
LABORATORY SKILLS
COST: 22.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 69-00
REMARKS AND ABSTRACT:
8MM, FILM LOOPS.
TECHNIQUES OF OPERATIONS OF BOOKMAN 72-CALIBRATION AND MEASURING PH.

EPAW01064
CN WRITING EQUATIONS I
AUTHOR(S): SLABAUGH W H
SOURCE(S): WILEY
SUBJECT AREAS:
CHEMISTRY
COST: 22.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: M T
COPYRIGHT: C
DATE: 69-00
REMARKS AND ABSTRACT:
8MM, FILM LOOPS.
RUDIMENTS OF WRITING EQUATIONS ARE ILLUSTRATED FOR TWO SIMPLE CHEMICAL REACTIONS.

EPAW01065
ON WRITING EQUATIONS II
AUTHOR(S): SLABAUGH W H
SOURCE(S): WILEY
SUBJECT AREAS:
CHEMISTRY
COST: 22.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: M T
COPYRIGHT: C
DATE: 69-00
REMARKS AND ABSTRACT:
8MM, FILM LOOPS.
RUDIMENTS OF WRITING REDOX EQUATIONS ARE SHOWN FOR TWO TYPICAL REDOX EQUATIONS.

EPAW01066
MODERN DATA PROCESSING
AUTHOR(S): ARNOLD R R
HILL H C
SOURCE(S): WILEY
SUBJECT AREAS:
COMPUTERS
COST: 14.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
DATE: 72-00
REMARKS AND ABSTRACT:
474PP.; AUTHOR: A. V. NICHOLS; 2ND ED.
COVERS FULL RANGE OF MODERN DATA PROCESSING METHODS AND DEVICES--MANUALS, MECHANICAL, PUNCHED CARD, ELECTRONIC--
AND THE BASIC OPERATIONS THEY PERFORM. EMPHASIZES COMPUTERS AND PROGRAMMING LANGUAGE AND PROCEDURES. DISCUSSES
DATA PROCESSING APPLICATIONS IN BUSINESS, INDUSTRY AND GOVERNMENT.

EPAW01067
ACCOUNTING MACHINE
AUTHOR(S): RATEGAN E H
SOURCE(S): WILEY
SUBJECT AREAS:
EQUIPMENT (OFFICE)
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: T O
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 24 MIN., BLACK & WHITE; PURCHASE PRICE: $192.00.
PRESENTS THE FUNCTIONAL COMPONENTS OF THE MACHINE BY DEMONSTRATING PREPARATION OF A DETAIL-PRINTED SALES ANALYSIS;
DISCUSSES THE ADVANTAGE OF A SUMMARY REPORT; SHOWS HOW CARD VOLUME CAN BE REDUCED FOR CUMULATIVE REPORT BY THE
SUMMARY PUNCHING CAPABILITY.

EPAW01068
CARD PUNCH
AUTHOR(S): RATEGAN E H
SOURCE(S): WILEY
SUBJECT AREAS:
COMPUTERS
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT: C
DATE: 71-00
REMARKS AND ABSTRACT:
16MM, 20 MIN., BLACK & WHITE; PURCHASE PRICE: $160.00.
ILLUSTRATES THE BASIC PURPOSE OF THE CARD PUNCH BY SHOWING THE PUNCHING OF SEVERAL WITH AND WITHOUT PROGRAM CONTROL.
DISCUSSES FUNCTIONAL COMPONENTS, AND CONTROL SWITCHES AND KEYS; REVIEWS THE HOLLERITH CODING SYSTEM.

EPAW01069
PRACTICE OF DESALINATION — DATE: 73-00
AUTHOR(S): BAKISH R — TYPE(S): PM — CATEGORIES: T
SOURCE(S): NOYES — COST: 18.00 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
DESALINATION
REMARKS AND ABSTRACT:
(ISBN 0-8155-0478-0) 273PP.
BASED ON 17 INSTRUCTIONAL PAPERS PRESENTED AS A SPECIAL TOPICS COURSE BY VARIOUS ACADEMIC AND INDUSTRIAL EXPERTS. THE COURSE WAS HELD DURING DECEMBER 1971 AND WAS SPONSORED JOINTLY BY FAIRLEIGH DICKINSON UNIVERSITY AND THE ASSOCIATION OF CARIBBEAN DESALINATION PLANTS OWNERS AND OPERATORS. REFLECTS THE PRESENT STATE OF THE ART OF THE DESALINATION INDUSTRY.

EPAW01070
ENVIRONMENTAL SCIENCE TECHNOLOGY INFORMATION RESOURCES — DATE: 73-00
AUTHOR(S): TUMINER S B — TYPE(S): PM — CATEGORIES: T
SOURCE(S): NOYES — COST: 18.00 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL CONTROL — INFORMATION SYSTEMS
REMARKS AND ABSTRACT:
(ISBN 0-8155-1467-5), 218PP.
INCLUDES THE PROCEEDINGS AND PANEL DISCUSSIONS OF THE SYMPOSIUM ON ENVIRONMENTAL SCIENCE TECHNOLOGY INFORMATION RESOURCES SPONSORED BY THE CHEMICAL INTERNATIONAL INFORMATION CENTER AND HELD AT THE CHEMISTS' CLUB, NEW YORK, ON APRIL 28, 1972. COMPRISES SELECTED PAPERS PRESENTED AT THE NATIONAL ENVIRONMENTAL INFORMATION SYMPOSIUM, SPONSORED BY THE EPA, HELD AT CINCINNATI, OHIO, SEPT. 24-27, 1972. ALSO A BIBLIOGRAPHY OF BASIC GOVERNMENTAL, INSTITUTIONAL, AND ORGANIZATIONAL DOCUMENTS ASSEMBLED BY THE UNITED NATIONS CONFERENCE ON HUMAN ENVIRONMENT.

EPAW01071
HOW TO DISPOSE OF TOXIC SUBSTANCES AND INDUSTRIAL WASTES — DATE: 76-00
AUTHOR(S): POWERS P W — TYPE(S): PM — CATEGORIES: O
SOURCE(S): NOYES — COST: 48.00 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
HAZARDOUS POLLUTANTS — ULTIMATE DISPOSAL — RESOURCE RECOVERY
REMARKS AND ABSTRACT:
(ISBN 0-8155-0615-5), 500PP.
DISCUSSES ALL RECOGNIZED ULTIMATE DISPOSAL METHODS IN DETAIL AND CONTAINS A LONG LIST OF SPECIFIC RECOMMENDATIONS FOR SPECIFIC SUBSTANCES PLUS ALTERNATIVE DISPOSAL OR RECOVERY METHODS. BASED ON GOVERNMENT-SPONSORED REPORTS, U.S. PATENTS, AND ON PERTINENT ARTICLES IN AUTHORITATIVE JOURNALS.

EPAW01072
BEHAVIORAL APPROACH TO MANAGEMENT — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): AC — CATEGORIES: S
SOURCE(S): LANSFORD — COST: 59.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT BY OBJECTIVES — HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
ORDER NO. SE3C1C, 4 CASSETTES.
DISCUSSES POSITIVE MOTIVATIONAL TECHNIQUES FOR IMPROVING THE BEHAVIOR OF PEOPLE ON THE JOB. BASED ON MODERN BEHAVIORAL PSYCHOLOGY.

EPAW01073
APPLICATION OF BEHAVIOR MODIFICATION TO BUSINESS DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT PM CATEGORIES: S T
SOURCE(S): LANSFORD COST: 99.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT BY OBJECTIVES
REMARKS AND ABSTRACT:
ORDER NO. S370T, 20 TRANSPARENCIES.
DEALS WITH APPLICATION OF BEHAVIORAL PSYCHOLOGY TO MANAGING PEOPLE.

EPAW01074
PRINCIPLES AND CONCEPTS OF MANAGEMENT AN INTRODUCTION DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT PM CATEGORIES: S T
SOURCE(S): LANSFORD COST: 119.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT BUDGET AND ACCOUNTING PLANNING
REMARKS AND ABSTRACT:
ORDER NO. W350T; 19 TRANSPARENCIES AND SUPPLEMENTARY MATERIAL
DEALS WITH SOME OF THE FUNDAMENTAL PRINCIPLES AND CONCEPTS OF MANAGEMENT. IT IS ORIENTED TOWARDS THE FORMAL ASPECTS OF MANAGEMENT CONTRASTED WITH INFORMAL OR BEHAVIORAL ASPECTS. MUCH OF THE MATERIAL COVERED CAN BE TRACED TO EARLY, FAMOUS MANAGEMENT SCHLARS AND PRACTITIONERS SUCH AS FAYOL, TAYLOR, GANTT AND OTHERS, AS WELL AS TO MORE RECENT WRITERS IN THE SO-CALLED MANAGEMENT PROCESS SCHOOL.

EPAW01075
WATER HARDNESS UNIT DATE: 76-99
AUTHOR(S): LAMOTTE TYPE(S): OT CATEGORIES: E T
SOURCE(S): LAMOTTE COST: 27.95 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
ION EXCHANGE CHEMICAL ANALYSIS HARDNESS
REMARKS AND ABSTRACT:
ORDER NO. 5556; INCLUDES HANDBOOK "A STUDY OF WATER QUALITY"; PACKAGED IN AN ATTACHE CARRYING CASE. ALL THE NECESSARY GLASSWARE, REAGENTS, APPARATUS AND TRANS-
PARENCIES ARE FURNISHED AS PART OF THE OUTFIT. THE DEMONSTRATION INCLUDES TESTING FOR HARD WATER, SOFTENING BY ION EXCHANGE AND RETESTING TO SHOW THE REMOVAL OF THE HARDNESS FACTOR. A DEMONSTRATION IS INCLUDED TO SHOW THE SOAP CONSUMI POWER OF HARD WATER.

EPAW01076
WATER PH UNIT DATE: 76-99
AUTHOR(S): LAMOTTE TYPE(S): OT CATEGORIES: E T
SOURCE(S): LAMOTTE COST: 227.95 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
ACIDITY BIOLOGY CARBONATES CHEMICAL TREATMENT
CHEMICAL TREATMENT PH CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. 5557; INCLUDES HANDBOOK "A STUDY OF WATER QUALITY"; PACKAGED IN AN ATTACHE CARRYING CASE. ALL THE NECESSARY GLASSWARE, REAGENTS, APPARATUS AND TRANS-
PARENCIES ARE FURNISHED AS PART OF THE OUTFIT. A PH INDICATOR SOLUTION IS ACIDIFIED. IT IS THEN NEUTRALIZED AND THE COLOR CHANGES OBSERVED AS THE NEUTRALIZATION PROCESS TAKES PLACE. WATER SAMPLES OF AN UNKNOW PH VALUE MAY BE TESTED.

EPAWO1077
IRON IN WATER UNIT DATE: 76-99
AUTHOR(S): LAMOTTE TYPE(S): OT CATEGORIES: E T
SOURCE(S): LAMOTTE COST: 27.95 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
CHEMICAL ANALYSIS IRON
REMARKS AND ABSTRACT:
ORDER NO. 5558; INCLUDES "A STUDY OF WATER QUALITY"; PACKAGED IN AN ATTACHE CARRYING CASE.
THIS UNIT IS DESIGNED FOR USE WITH AN OVERHEAD PROJECTOR. ALL THE NECESSARY GLASSWARE, REAGENTS, APPARTUS AND TRANS-
PARENCIES ARE FURNISHED AS PART OF THE OUTFIT. A WATER SAMPLE IS PREPARED AND TESTED FOR A HIGH IRON CONTENT. IT IS
THEN TREATED TO REMOVE IRON BY THE PRINCIPLE OF OXIDATION AND RETESTED TO PROVE THE EFFECTIVENESS OF THE TREATMENT
TECHNIQUE. UNKNOWN SAMPLES MAY BE TESTED FOR IRON CONTENT.

EPAWO1078
CHLORINATION TASTE ODOR COLOR TURBIDITY UNIT DATE: 76-99
AUTHOR(S): LAMOTTE TYPE(S): OT CATEGORIES: E T
SOURCE(S): LAMOTTE COST: 27.95 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
ABSORPTION ACTIVATED CARBON CHEMICAL ANALYSIS CHLORINATION
COLOR TASTE AND ODOR TURBIDITY
REMARKS AND ABSTRACT:
ORDER NO. 5559; INCLUDES HANDBOOK, "A STUDY OF WATER QUALITY"; PACKAGED IN ATTACHE CASE
THIS UNIT IS DESIGNED FOR USE WITH AN OVERHEAD PROJECTOR. ALL THE NECESSARY GLASSWARE, REAGENTS, APPARATUS AND TRANS-
PARENCIES ARE FURNISHED AS PART OF THE OUTFIT. A WATER SAMPLE IS CHLORINATED AND TESTED FOR CHLORINE. THE SAMPLE IS
TREATED TO REMOVE THE TASTE AND ODOR OF CHLORINE AND RETESTED. AN EXPERIMENT IS INCLUDED TO SHOW THE REMOVAL OF COLOR
AND TURBIDITY FROM A PREPARED WATER SAMPLE. UNKNOWN SAMPLES MAY BE TESTED.

EPAWO1079
WATER POLLUTION DETECTION OUTFIT FOR ALKALINITY AMMONIA CALCIUM CARBON DIOXIDE CHLORIDES CHLORINE DATE: 76-99
AUTHOR(S): LAMOTTE TYPE(S): OT CATEGORIES: E T
SOURCE(S): LAMOTTE COST: 109.95 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
CHEMICAL ANALYSIS CHLORIDE CHLORINE ALKALINITY
CARBON DIOXIDE AMMONIA CALCIUM
REMARKS AND ABSTRACT:
ORDER NO. 5905; PACKAGED IN ATTACHE CARRYING CASE
THIS OUTFIT INCLUDES ALL THE NEEDED GLASSWARE, REAGNETS AND APPARTUS TO TEST FOR ALKALINITY, AMMONIA, CALCIUM, CARBON
DIOXIDE, CHLORIDES, CHLORINE, CHROMIUM, COPPER, CYANIDE, DISSOLVED SOLIDS, TOTAL HARDNESS, IRON, MAGNESIUM, NITRATES, PH
PHOSPHATE, SALINITY AND SULFIDE. SUITABLE FOR FIELD OR CLASSRO M
INSTRUCTION.

EPAW01080 DATE: 76-99

PH BUFFER ACID BASE TITRATION OUTFIT
AUTHOR(S): LAMOTTE
SOURCE(S): LAMOTTE
TYPE(S): OT
CATEGORIES: E T
COST: 64.95 P
LEVEL: 2
COPYRIGHT:
SUBJECT AREAS:
ACIDITY
ALKALINITY
CHEMICAL REACTIONS
PH
REMARKS AND ABSTRACT:
ORDER NO. 5682, INCLUDE HANDBOOK "PH, BUFFERS AND ACID-BASE TITRATIONS".
THIS OUTFIT IS DESIGNED FOR USE WITH AN OVERHEAD PROJECTOR. ALL THE NECESSARY GLASSWARE, REAGNETS, APPARATUS AND TRANS-
PARENCIES ARE FURNISHED AS PART OF THE OUTFIT. THE REAGENT SYSTEMS INCLUDE A SERIES OF PH INDICATOR SOLUTIONS, BUFFERS
AND STANDARDIZED ACIDS AND BASES. THE INSTRUCTION MANUAL INCLUDES STEP-BY-STEP PROCEDURES AND HAS A GLOSSARY.

EPAW01081 DATE: 73-00

WATER YOU DRINK HOW SAFE IS IT
AUTHOR(S): LWV
SOURCE(S): LWV
TYPE(S): PM
CATEGORIES: E L
COST: 0.25 P
LEVEL: 1
COPYRIGHT: C
SUBJECT AREAS:
LAWS AND REGULATIONS
PUBLIC HEALTH
REMARKS AND ABSTRACT:
4PP. FUNDED BY EPA TECHNICAL TRAINING GRANT PUB. NO. 246
DEALS WITH NECESSITY FOR SAFER DRINKING WATER. DESCRIBES DRINKING WATER STANDARDS--BIOLOGICAL, CHEMICAL, AND PHYSICAL
REQUIREMENTS--IN EFFECT IN 1973. EXPLAINS WATER SUPPLY SYSTEM FROM SOURCE TO TAP. DISCUSSES RCLE OF DIFFERENT LEVELS
OF GOVERNMENT IN STANDARD SETTING AND ENFORCEMENT. EXPLAINS NECESSITY FOR ADEQUATE FUNDING AND TECHNICAL ASSISTANCE.

EPAW01082 DATE: 73-00

SAFE DRINKING WATER FOR ALL WHAT YOU CAN DO
AUTHOR(S): LWV
SOURCE(S): LWV
TYPE(S): PM
CATEGORIES: E
COST: 0.25 P
LEVEL: 1
COPYRIGHT: C
SUBJECT AREAS:
PUBLIC PARTICIPATION
WATER TREATMENT PLANTS
DISTRIBUTION SYSTEMS
REMARKS AND ABSTRACT:
PUB. NO. 247 4 PP. FUNDED BY EPA TECHNICAL TRAINING GRANT
EXPLAINS CITIZENS'S ROLE IN ASSURING A SAFE WATER SUPPLY SYSTEM: BACKGROUND READING, ORGANIZING A GROUP, GETTING INFORM
TION AT THE WATER TREATMENT PLANT. SUGGESTS KEY QUESTIONS TO ASK ABOUT GOVERNMENT AUTHORITY, WATER SUPPLY SYSTEM, EN-
FORCEMENT RESPONSIBILITIES. RECOMMENDS A COURSE OF ACTION TO ENLIST PUBLIC SUPPORT AND WORK FOR IMPROVEMENTS IN QUALITY
SUPPLY.

EPAW01083 DATE: 70-02

WHERE RIVERS MEET THE SEA
AUTHOR(S): LWV
SOURCE(S): LWV
TYPE(S): PM
CATEGORIES: E L T
COST: 0.50 P
LEVEL: 1
COPYRIGHT: C
SUBJECT AREAS:
ESTUARIES
RECREATION
ENVIRONMENTAL CONTROL ADMINISTRATIVE AGENCIES
DREDGING AND FILLING
PUBLIC PARTICIPATION
LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
PUB. NO. 367 8 PP.
VALUES OF AND THREATS TO ESTUARINE AREAS--TIDAL STRETCHES OF COASTAL RIVERS AND THEIR TRANSITION ZONES. DESCRIBES
BIOLOGICAL, RECREATIONAL AND FLOOD PROTECTION BENEFITS; DANGERS ARISING FROM POLLUTION, DREDGING AND FILLING. PROTECTIO
REQUIRES CONTROL OF WATER QUALITY, PHYSICAL MODIFICATION AND USE OF ADJACENT LAND. THESE CAN BE ATTAINED BY STATE LEG-
ISLATION, EFFECTIVE ADMINISTRATION, AND NEW PUBLIC POLICY TOWARD ESTUARIES. EXPLAINS CITIZEN'S ROLE IS ESTUARINE
PROTECTION.

EPAW01085

WATER POLLUTION CAUSES AND CURES
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
STORM WATER
PRIMARY TREATMENT
REMARKS AND ABSTRACT:
16PP
COST: 0.00 P
TERTIARY TREATMENT
DOMESTIC WASTEWATERS
TYPE(S): PM
LEVEL: 1
ECONOMICS
SECONDARY TREATMENT
CATEGORIES: E
COPYRIGHT:
WATER QUALITY
DATE: 74-11

BY QUICKLY REVIEWING THE CAUSES OF WATER POLLUTION (ORGANIC, WASTES, PLANT NUTRIENTS, TOXIC SUBSTANCES, PERSISTENT SUBSTANCES, SEDIMENTS, RADIOACTIVE MATERIALS, HEAT), AND CURES SUCH AS COMBINED AND SEPARATE SEWERAGES RANGING FROM PRIMARY TO TERTIARY TREATMENT, THE BOOKLET ATTEMPTS TO EXPLAIN THE COMPLEXITY OF WATER POLLUTION PROBLEMS AND ENCOURAGE THEIR AMELIORATION AND PREVENTION. A FINAL SECTION LOOKS AT THE COSTS INCURRED BY THE CHEMICAL INDUSTRY IN THEIR EFFORTS TO CLEAN UP POLLUTION.

EPAWC1086

CHEMECOLOGY (OUT OF PRINT)
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
WATER QUALITY
ULTIMATE DISPOSAL
LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
COST: 0.00
ECOSYSTEMS
ENVIRONMENTAL EFFECTS
PLANT PERFORMANCE
TYPE(S): PM
LEVEL: 0
EFFLUENTS
TROUBLESHOOTING
SLUDGE TREATMENT
CATEGORIES: E L O P
COPYRIGHT:
EMERGENCY RESPONSE PROGRAMS
ADMINISTRATIVE AGENCIES
DATE: 76-99

8 X11, 2 COLOR, 8 PAGE MONTHLY NEWSLETTER
CHEMECOLOGY PROVIDES INFORMATION TO HELP CHEMICAL COMPANIES EFFECTIVELY DEAL WITH PROBLEMS IN POLLUTION CONTROL. SIMILARLY, THE PUBLICATION INFORMS MUNICIPALITIES OF DEVELOPMENTS WHICH CAN BE APPLIED TO LOCAL WASTE MANAGEMENT. IT ALSO ADVISES SELECTED OPINION LEADERS (HIGH SCHOOL AND COLLEGE LEVEL EDUCATORS, STUDENTS, CONSERVATIONISTS, THE PRESS, REGULATORY OFFICIALS, MUNICIPAL HEALTH AND CIVIC LEADERS) OF THE CHEMICAL INDUSTRY'S EFFORTS TO ACHIEVE A CLEANER ENVIRONMENT.

EPAW01087

ENVIROQUIZ
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
ECOSYSTEMS
REMARKS AND ABSTRACT:
4PP.
COST: 0.00 P
EFFLUENTS
TYPE(S): PM
LEVEL: 1
INDEXES AND BIBLIOGRAPHIES
CATEGORIES: E
COPYRIGHT:
DATE: 74-10

PREPARED BY MCA IN COOPERATION WITH THE GENERAL FEDERATION OF WOMEN'S CLUBS AS A GAUGE TO MEASURE ENVIRONMENTAL KNOWLEDGE AND AWARENESS. IT SEEKS TO ELIMINATE SEVERAL COMMON ECOLOGICAL FALLACIES AND COUNTER THEM WITH FACTS BY TESTING THE READER WITH 20 TRUE-FALSE STATEMENTS. ANSWERES ARE INCLUDED ALONG WITH A SUGGESTED READING LIST. BIBLIOGRAPHY.

EPAW01088 DATE: 74-09

ECOACTION
AUTHOR(S): MCA
SOURCE(S): MCA
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O P S T
COPYRIGHT:

SUBJECT AREAS:

TERTIARY TREATMENT	ECONOMICS	WATER QUALITY	EFFLUENTS
EQUIPMENT (PLANT)	INDUSTRIAL WASTES	ANAEROBIC DIGESTION	ECOSYSTEMS
ULTIMATE DISPOSAL	WASTEWATER DISPOSAL	ACTIVATED SLUDGE	PH
COLOR	TRICKLING FILTERS		

REMARKS AND ABSTRACT:
20PP.
DRAMATIC CASE HISTORIES OF CLEANUP ACTIONS VOLUNTARILY UNDERTAKEN BY CHEMICAL COMPANIES. CONTAINS PHOTOS AND FLOWCHARTS AND DISCUSSES THE TECHNOLOGY IN SOME DETAIL. AIR, WATER, ODOR, SOLID WASTE AND NOISE PROBLEMS ARE COVERED.

EPAW01C89 DATE: 72-00

ACTIVATED SLUDGE PROCESS ANALYSES AND INTERPRETATION WORKSHOP MANUAL
AUTHOR(S): ONTARIOMGS
SOURCE(S): ONTARIOMGS
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O S T
COPYRIGHT:

SUBJECT AREAS:

ACTIVATED SLUDGE	DISSOLVED OXYGEN	SAMPLING	DATA EVALUATION
PH	SUSPENDED MATTER	BIOCHEMICAL OXYGEN DEMAND	PHOSPHATES
AQUATIC MICROBIOLOGY	ANALYTICAL TECHNIQUES	GASES	GRAPHICAL METHODS
MATHEMATICS	GLOSSARIES	CONVERSION TABLES	

REMARKS AND ABSTRACT:
4TH ED (1ST ED, 1972), 296 PP
EXPECTED LEARNING GOALS CLEARLY IDENTIFIED FOR EACH INSTRUCTIONAL UNIT. EMPHASIZES TECHNIQUES (TESTING, SAMPLING, ANALYSIS, DATA EVALUATION, MATHEMATICS) AND CONTAINS EXTENSIVE APPENDICES (DANGEROUS GASES IN SEWAGE, AVERAGE VALUES AT WATER POLLUTION PLANTS, STORAGE AND USE OF CHLORINE, SAFETY, OXYGEN UPTAKE TEST, ETC.). OPERATOR OR TRAINEE SHOULD OBTAIN COMPETENCY VIA WRITTEN, ORAL AND HANDS ON TESTING.
GRAPHS, PHOTOS, TABLES, ILLUS.

EPAW0109C DATE: 74-02

BASIC WATER TREATMENT OPERATION
AUTHOR(S): ONTARIOMGS
SOURCE(S): ONTARIOMGS
COST: 2.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C

SUBJECT AREAS:

PUBLIC HEALTH	GROUNDWATER	PROCESS CONTROL	FILTRATION
MAINTENANCE	CHLORINATION	BACTERIA	SAFETY
MATHEMATICS	RECORD KEEPING	DISTRIBUTION SYSTEMS	WATER TREATMENT PLANTS

REMARKS AND ABSTRACT:
EACH CHAPTER PROCEEDED BY A LIST OF BEHAVIORAL OBJECTIVES.
A BASIC INTRODUCTION TO WATER WORKS OPERATIONS.

EPAW01091

BASIC SEWAGE TREATMENT OPERATION

AUTHOR(S): ONTARICMGS

SOURCE(S): ONTARICMGS

DATE: 74-00

TYPE(S): PM

CATEGORIES: M O S T

COST: 0.00 P

LEVEL: 1

COPYRIGHT:

SUBJECT AREAS:

GLOSSARIES	MICROBIOLOGY	BACTERIAL ANALYSIS	PRIMARY TREATMENT
ACTIVATED SLUDGE	SLUDGE DIGESTION	SLUDGE DEWATERING	FLOCCULATION
SLUDGE DISPOSAL	SAFETY	CHLORINATION	MATHEMATICS

REMARKS AND ABSTRACT:

3RD ED (1ST ED, 1972), APPROX 200 PP.
EXPECTED LEARNING GOALS CLEARLY IDENTIFIED FOR EACH INSTRUCTIONAL UNIT. EACH UNIT, COLOR CODED FOR RAPID ACCESS, IS BROKEN INTO WELL-ORGANIZED, AMPLY ILLUSTRATED MODULES. DESIGNED FOR 5-DAY LECTURE/DISCUSSION COURSE WHERE OPERATOR OR TRAINEE RESPONDS VIA ORAL, WRITTEN AND HANDS-ON TESTING TO ACHIEVE A MINIMUM 70% COMPETENCY LEVEL. GRAPHS, PHOTOS, TABLES, ILLUS.

EPAW01092

WATER AND OUR FUTURE

AUTHOR(S): NAC

SOURCE(S): NAC

DATE: 76-99

TYPE(S): PM

CATEGORIES: M

COST: 0.00 P

LEVEL: 2

COPYRIGHT:

SUBJECT AREAS:

ADMINISTRATIVE AGENCIES	WATER QUALITY	PUBLIC RELATIONS	LAWS AND REGULATIONS

REMARKS AND ABSTRACT:

DISCUSSES NEED FOR DEVELOPING BROAD GOALS AND OBJECTIVES IN WATER QUALITY MANAGEMENT. ANALYSES FEDERAL, STATE, AND LOCAL ROLES IN IMPLEMENTING WATER QUALITY POLICIES. DESCRIBES THE IMPORTANCE OF PUBLIC INVOLVEMENT IN FORMULATING GOALS. EXPLAINS HOW TO OBTAIN PUBLIC SUPPORT AND FINANCIAL OR TECHNICAL ASSISTANCE FOR WASTEWATER PROJECTS. EXAMINES EIGHT ACTUAL CASES ILLUSTRATING DIFFERENT ASPECTS OF WATER QUALITY MANAGEMENT.

EPAW01097

ENDLESS SEA

AUTHOR(S): CAN NFB

SOURCE(S): LCA

DATE: 73-00

TYPE(S): MP

CATEGORIES: P

COST: 30.00 R

LEVEL: 3

COPYRIGHT:

SUBJECT AREAS:

MARINE POLLUTION	WATER RESOURCES

REMARKS AND ABSTRACT:

16MM, 28 MIN., COLOR; PURCHASE PRICE: $370.00.
THIS FILM EXPLORES THE SEA'S PRACTICAL IMPORTANCE FOR THE WORLD'S PEOPLES. PROJECTS OF A CANADIAN RESEARCH SHIP INVOLVING THE CHARTING OF THE SEA'S FLOOR AND THE TRAINING OF MEN TO LIVE UNDERWATER ARE EXAMINED. NEW FISHING TECHNIQUES AROUND THE WORLD ARE INVESTIGATED, AS ARE RECENT ATTEMPTS TO EXTRACT VAST MINERAL RESERVES FROM THE SEA'S WATERS. IT IS INDICATED THAT THE COOPERATION OF MANY SCIENCES IS NECESSARY TO EXPAND MAN'S EVER-INCREASING DEPENDENCE ON THE WATERS THAT SURROUND HIM. FOCUSES ON THE ECOLOGICAL PROBLEMS THAT WILL INCREASINGLY EXIST RELATIVE TO THIS DEPENDENCE.

EPAW01098 DATE: 65-00
CHEMICAL TREATMENT OF SEWAGE AND INDUSTRIAL WASTES
AUTHOR(S): NLA
SOURCE(S): NLA
COST: 2.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
CHEMICAL TREATMENT
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
#215 NATIONAL LIME ASSCCIATION BULLETIN, BEING REVISED.

EPAW01108 DATE: 58-00
WATER CONTROL
AUTHOR(S): PCA
SOURCE(S): PCA
COST: 8.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: E
COPYRIGHT:
SUBJECT AREAS:
HYDROLOGY
FLOODS
DAMS
WATERSHEDS
REMARKS AND ABSTRACT:
16MM, 22 MIN., COLOR
RELATES THE STORY OF WATER AND ITS CONTROL FROM SMALL, LOCAL WATERSHED AREAS TO THE GREAT RIVERS. IT EXPLAINS THE HYDROLOGIC CYCLE BY ANIMATION AND SHOWS TYPICAL EXAMPLES OF THE USE OF CONCRETE IN ALL TYPES OF WATER CONTROL PROJECTS. INCLUDED ARE BOTH SMALL AND LARGE STRUCTURES; CHECK DAMS, PAVED DITCHES AND CHANNELS, FLOOD WALLS, BANK REVETMENTS, AND FLOODWAY DIVERSION STRUCTURES.

EPAW01109 DATE: 76-99
REQUIREMENTS OF SEWER CONSTRUCTION
AUTHOR(S): PCA
SOURCE(S): PCA
COST: 38.00 P
TYPE(S): SL PM
LEVEL: 3
CATEGORIES: D
COPYRIGHT:
SUBJECT AREAS:
SEWERS DESIGN
REMARKS AND ABSTRACT:

EPAW01110 DATE: 76-99
MICROBIOLOGY OF WATER AND SEWAGE (OUT OF PRINT)
AUTHOR(S): GAINEY
SOURCE(S): PRENT HALL
LORD
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
SUBJECT AREAS:
BICLOGY
REMARKS AND ABSTRACT:

EPAW01111 DATE: 72-00
WATERWORKS MANUAL BASIC
AUTHOR(S): CVE
SOURCE(S): CVE
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O T
COPYRIGHT:
SUBJECT AREAS:
DISTRIBUTION SYSTEMS
PUMPS
OPERATIONS (WATER)
VALVES
HYDRAULICS
MANUALS
PIPES
REMARKS AND ABSTRACT:
227 PP.
A MANUAL FOR AN OPERATOR WITH SOME EXPERIENCE. MANUAL AIMED AT DISTRIBUTION SYSTEM PERSONNEL. VERY LITTLE ON WATER TREATMENT.

EPAW01112
WASTEWATER PLANT OPERATORS MANUAL — DATE: 72-00
AUTHOR(S): CVE — TYPE(S): PM — CATEGORIES: M O T
SOURCE(S): CVE — COST: 5.00 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
OPERATIONS — MAINTENANCE — SECONDARY TREATMENT — PRIMARY TREATMENT
MANUALS — SEWERS
REMARKS AND ABSTRACT:
257 PP
A TRAINING MANUAL FOR THE OPERATOR WITH SOME EXPERIENCE. DESCRIPTIVE MATERIAL AND PROBLEMS ARE INCLUDED.

EPAW01121
TEAMWORK ON THE POTOMAC — DATE: 76-99
AUTHOR(S): MD ICPRB — TYPE(S): MP — CATEGORIES: M E
SOURCE(S): FINLEY — COST: 22.50 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
CONSERVATION — RIVERS — ENVIRONMENTAL CONTROL — WATER QUALITY
POTOMAC — ESTUARIES
REMARKS AND ABSTRACT:
16 MM, 28 MIN, COLOR: STUART FINLEY, 6926 MANSFIELD RD, FALLS CHURCH, VA 22041
TEAMWORK ON THE POTOMAC DESCRIBES THE STRUGGLES OF A FAMOUS AMERICAN RIVER, AGAINST GROWING MUNICIPAL AND INDUSTRIAL POLLUTION. IT ALSO DEALS WITH ESTUARINE MANAGEMENT AND SECONDARY POLLUTION CONTROL, WATER RESOURCES AND WATER MANAGEMENT.

EPAW01123
PERSONAL SAFETY — DATE: 72-10
AUTHOR(S): KALMIA — FITCH — TYPE(S): MP — CATEGORIES: M
SOURCE(S): KALMIA — COST: 24.95 P — LEVEL: 1 — COPYRIGHT: C
SUBJECT AREAS:
SAFETY — CHEMISTRY
REMARKS AND ABSTRACT:
ORDER NO. 2100; 8MM, 2:39 MIN., COLOR
HOW TO ACT AND REACT IN THE LABORATORY. DEMONSTRATES EYE PROTECTION, TIEING BACK LONG HAIR, WEARING LOOSE INEXPENSIVE CLOTHING, WEARING LAB COAT OR APRON, AND WEARING PROTECTIVE SHOES. TECHNIQUES SHOWN FOR SMOTHERING CLOTHING FIRE WITH FIRE BLANKET AND LAB APRON.

EPAW01124
SUPPLEMENTARY READINGS ON WATER UTILITY MANAGEMENT — DATE: 58-00
AUTHOR(S): AWWA — TYPE(S): PM — CATEGORIES: P S
SOURCE(S): AWWA — COST: 8.00 P — LEVEL: 3 — COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT — WATER METERS — BUDGET AND ACCOUNTING — FLOODS
DISASTERS — WATER RATES — INSURANCE — SAFETY
REMARKS AND ABSTRACT:
RPT: AWWA S'05, 188PP.
EMPHASIZES ECONOMICS OF WATERWORKS MANAGEMENT (INSURANCE, DAMAGE CLAIMS, BUDGET, RATE STRUCTURES, ETC.) AS WELL AS PUBLIC INTERACTION WITH THE MUNICIPALITY SERVED. DETAILS MANY MANAGEMENT ASPECTS ONLY BRIEFLY COVERED IN THE AWWA MANUAL M5. MANY CONTRIBUTING AUTHORS; SPECIFIC WATERWORKS DESCRIBED (E.G. PUERTO RICO, N.C., AKRON, ETC).

EPAW01125
FIRE IN THE LABORATORY
AUTHOR(S): KALMIA
SOURCE(S): KALMIA
SUBJECT AREAS:
SAFETY (FIRES)
FITCH
COST: 24.95 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 72-10
REMARKS AND ABSTRACT:
ORDER NO. 2200; 8MM AND 16MM, 3:30 MIN., COLOR
THREE TYPES OF LABORATORY FIRES AND CORRECT PROCEDURES FOR EXTINGUISHING THEM ARE SHOWN. SMALL FIRES ARE SMOTHERED. MEDIUM FIRES ARE PUT OUT WITH CO2 AND DRY POWDER EXTINGUISHERS. METAL FIRE IS SMOTHERED WITH SAND.

EPAW01126
COMPUTER
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMPUTERS
COST: 99.95 P
TYPE(S): SL AC
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WN201, 61 SLIDES, 1 CASSETTE, APPROX. RUNNING TIME 30 MIN.
INTRODUCES THE BASIC CONCEPTS OF COMPUTERS, PRESENTED IN AN ELEMENTARY WAY AND IS SUITABLE FOR A WIDE AUDIENCE, YOUNG AND OLD, THAT WISHES TO LEARN SOME COMPUTER FUNDAMENTALS.

EPAW01127
CHEMICAL HAZARDS
AUTHOR(S): KALMIA
SOURCE(S): KALMIA
SUBJECT AREAS:
SAFETY (CHEMICAL)
CHEMISTRY
FITCH
COST: 24.95 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 72-10
REMARKS AND ABSTRACT:
ORDER NO. 2300; 8MM AND 16MM, 3:42 MIN., COLOR
ILLUSTRATES SEVERAL CHEMICAL HAZARDS AND APPROPRIATE PROCEDURES, ANTIDOTES, OR CORRECTIVE ACTIONS. HAZARDS INCLUDE CHEMICALS ON SKIN, DILUTION OF CONCENTRATED ACID, MERCURY SPILL, AND HANDLING SOLID ALKALI.

EPAW01128
YOU RE COMING ALONG FINE
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
JOB ANALYSIS
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 23 MIN., COLOR; MANAGER'S GUIDEBOOK "PERFORMANCE APPRAISAL: RESPONSIBILITY AND OPPORTUNITY" (EPAW01229). SHOWS THE IMPORTANCE OF ESTABLISHING MUTUALLY SHARED OBJECTIVES AND GIVING HONEST FEEDBACK FOR PROGRESS TOWARD THEIR REALIZATION. SHOWS HOW TO MAKE APPRAISALS VITAL AND USEFUL TOOLS. A CASE STUDY REVEALS HOW MANAGERS CAN GET TRAPPED BETWEEN BOLSTERING AN EMPLOYEE'S EGO AND GIVING ACCURATE JUDGEMENTS TO SUPERIORS. IT PROVIDES MANY INSIGHTS INTO THE APPRAISAL PROCESS BY DRAMATIZING THIS DOUBLE BIND EVERY MANAGER FACES IN LEVELING WITH HIS PEOPLE ABOUT THEIR WEAKNESSES AND WITH HIGHER MANAGEMENT ABOUT EMPLOYEES' ACTUAL PERFORMANCE.

EPAW01129

INTRODUCTORY LABORATORY TECHNIQUES — DATE: 70-10

AUTHOR(S): KALMIA — FITCH — TYPE(S): MP — CATEGORIES: M

SOURCE(S): KALMIA — COST: 24.95 P — LEVEL: 1 — COPYRIGHT: C

SUBJECT AREAS:

SAFETY (CHEMICAL) — LABORATORY SKILLS

REMARKS AND ABSTRACT:

ORDER NO. 3100; 8MM AND 16MM, 3:35 MIN., COLOR
DEMONSTRATIONS OF SAFETY-ORIENTED LABORATORY TECHNIQUES: POURING SOLIDS AND LIQUIDS, HEATING LIQUIDS IN TEST TUBE, EVAPORATING DISH, AND WITH BOILING CHIPS. DANGERS OF SUPER-HEATED LIQUIDS AND CARELESS REMOVAL OF FLASK FROM FLAME ALSO SHOWN.

EPAW01131

FILTRATION I GRAVITY — DATE: 70-10

AUTHOR(S): KALMIA — FITCH — TYPE(S): MP — CATEGORIES: M

SOURCE(S): KALMIA — COST: 24.95 P — LEVEL: 1 — COPYRIGHT: C

SUBJECT AREAS:

FILTRATION — LABORATORY SKILLS

REMARKS AND ABSTRACT:

ORDER NO. 3200; 8MM AND 16MM, 3:35 MIN., COLOR
DEMONSTRATES QUANTITATIVE ISOLATION OF PRECIPITATE WITH SIMPLE CONICAL FILTER, AND RAPID FILTRATION OF IMPURITIES FROM HOT SOLUTION WITH FLUTED PAPER. STEPS SHOWN INCLUDE FOLDING FILTER PAPERS, WETTING AND SOLVENT, DECANTING SUPERNATANT, AND WASHING PRECIPITATE.

EPAW01133

FILTRATION II VACUUM — DATE: 70-10

AUTHOR(S): KALMIA — FITCH — TYPE(S): MP — CATEGORIES: M

SOURCE(S): KALMIA — COST: 24.95 P — LEVEL: 1 — COPYRIGHT: C

SUBJECT AREAS:

VACUUM FILTRATION — LABORATORY SKILLS

REMARKS AND ABSTRACT:

ORDER NO. 3300; 8MM AND 16MM, 3:42 MIN., COLOR
DEMONSTRATES ASSEMBLY AND OPERATION OF VACUUM FILTRATION APPARATUS. STEPS INCLUDE ASSEMBLY OF SUCTION FLASK, BUCHNER FUNNEL, TRAP, AND ASPIRATOR. OPERATION INCLUDES WETTING FILTER, ASPIRATING SUPERNATANT AND CRYSTALS, BREAKING VACUUM TO WASH CRYSTALS, AND DRYING FILTER CAKE.

EPAW01135
QUANTITATIVE TRANSFER
AUTHOR(S): KALMIA FITCH TYPE(S): MP CATEGORIES: M DATE: 70-10
SOURCE(S): KALMIA COST: 24.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
FILTRATION LABORATORY SKILLS
REMARKS AND ABSTRACT:
CRDER NO. 3600; 8MM AND 16MM, 3:42 MIN., COLOR
DEMCNSTRATES QUANTITATIVE TRANSFER OF PRECIPITATES, LIQUIDS, AND SOLIDS.

EPAW01137
MEASURING VOLUMES OF SOLIDS AND LIQUIDS
AUTHOR(S): KALMIA FITCH TYPE(S): MP CATEGORIES: M DATE: 69-12
SOURCE(S): KALMIA COST: 24.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
LABORATORY SKILLS MEASUREMENT
REMARKS AND ABSTRACT:
ORDER NO. 5100; 8MM AND 16MM, 3:42 MIN., COLOR
METAL BLOCK VOLUME MEASURED BY RULER AND BY LIQUID DISPLACEMENT.
GRADUATED CYLINDER USED FCR MEASURING LIQUID VOLUMES.
CALIBRATION DATA, MENISCUS, AND MENISCUS ENHANCEMENT WITH
LIGHT AND DARK CARD ALSO SHOWN.

EPAW01139
PIPETTING I CLEANING AND USING A TRANSFER PIPET
AUTHOR(S): KALMIA FITCH TYPE(S): MP CATEGORIES: M DATE: 69-12
SOURCE(S): KALMIA COST: 24.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
LABORATORY SKILLS
REMARKS AND ABSTRACT:
ORDER NO. 5200; 8MM, 3:42 MIN., COLOR
PIPET CLEANING USES CLEANING SOLUTION, TAP WATER RINSES, AND FINAL
DISTILLED WATER RINSE. CLEAN PIPET IS RINSED WITH REAGENT AND
FILLED, USING BULB. FINGER TECHNIQUE, CORRECT MENISCUS POSITION,
REMOVAL OF DROP FROM TIP, AND FLUID REMAINING IN TIP
AFTER DRAINING ALL EMPHASIZED.

EPAW01141
PIPETTING II GRADUATED PIPET AND THREE VALVE BULB
AUTHOR(S): KALMIA FITCH TYPE(S): MP CATEGORIES: M DATE: 69-12
SOURCE(S): KALMIA COST: 24.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
LABORATORY SKILLS
REMARKS AND ABSTRACT:
CRDER NO. 5300; 8MM AND 16MM, 3:39 MIN., COLOR
EMPHASIZES CALIBRATION DATA, FINGER CONTROL, READING MENISCUS,
AND RAISING OF PIPET TO KEEP MENISCUS AT EY LEVEL.
SECOND HALF DEMONSTRATES OPERATION OF 3-VALVE BULB.

EPAW01143
TITRATICN
AUTHOR(S): KALMIA
SOURCE(S): KALMIA
SUBJECT AREAS:
LABORATORY SKILLS
FITCH
COST: 24.95 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 69-12
REMARKS AND ABSTRACT:
ORDER NO. 5400; 8MM AND 16MM, 3:42 MIN., COLOR
BURET IS DISASSEMBLED AND CLEANED WITH DETERGENT, TAP WATER, AND DISTILLED WATER. AFTER FLUSHING WITH TITRAUT, BURET IS FILLED AND CAPPED. TECHNIQUES OF READING AND ENHANCING MENISCUS, HANDLING STOPCOCK, AND SWIRLING FLASK DEMONSTRATED.

EPAW01145
WEIGHING I BALANCE CONSTRUCTION AND WEIGHING AN OBJECT
AUTHOR(S): KALMIA
SOURCE(S): KALMIA
SUBJECT AREAS:
LABORATORY SKILLS
FITCH
COST: 24.95 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 69-12
REMARKS AND ABSTRACT:
ORDER NUMBER 5500; 8MM AND 16MM, 3:40 MIN., COLOR
INTRODUCTION TO PRINCIPLES, PRELIMINARY ADJUSTMENT, AND OPERATION OF MULTIPLE BEAM BALANCE. VALUES OF RIDER WEIGHTS, BALANCE CAPACITY, AND FUNCTION OF POINTER ARE EXPLAINED.

EPAW01147
WEIGHING II WEIGHING OUT SUBSTANCES
AUTHOR(S): KALMIA
SOURCE(S): KALMIA
SUBJECT AREAS:
LABORATORY SKILLS
FITCH
COST: 24.95 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 69-12
REMARKS AND ABSTRACT:
ORDER NO. 5600; 8MM AND 16MM, 3:42 MIN., COLOR
TWO TECHNIQUES DEMONSTRATED: WEIGHING OUT SPECIFIC AMOUNT OF GRANULAR SOLID AND WEIGHING OUT, ACCURATELY, APPROXIMATE AMOUNT OF AIR-SENSITIVE SOLID.

EPAW01153
WATER
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
HYDROLOGY
WATER RESOURCES
COST: 2.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES:
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
48PP.
DISCUSSES: THE WATER PROBLEM, THE WORLD OF WATER, SURFACE WATER, UNDERGROUND WATER, SALT WATER, WATER MANAGEMENT.

EPAW01154

FUELS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
FUELS
REMARKS AND ABSTRACT:
48PP.
THE WORLDWIDE DEMAND FOE ENERGY INCREASES EACH YEAR: HOW CAN OUR FUEL RESOURCES BEST BE UTILIZED TO SATISFY IT? THIS REPORT COVERS THE ENTIRE RANGE OF FUELS -- BOTH FOSSIL AND NUCLEAR--AND DISCUSSES THEIR AVAILABILITY, CHARACTERISTICS, HANDLING, AND MOST EFFECTIVE UTILIZATION.

COST: 2.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M O S
COPYRIGHT:
DATE: 76-99

EPAW01155

WATER TREATMENT
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
CHEMICAL ANALYSIS
WATER SUPPLY
FLOCCULATION
AERATION
REMARKS AND ABSTRACT:
40PP.
DEALS WITH WATER CHEMISTRY AND TREATMENT EQUIPMENT. DISCUSSES TREATMENT PRINCIPLES AND EQUIPMENT AS APPLED TO FEEDWATER AND CONDENSATE FOR STEAM GENERATING SYSTEMS OPERATING OVER ENTIRE SPECTRUM OF STEAM PRESSURES, WITH PARTICULAR ATTENTION TO NUCLEAR POWER SYSTEMS.

STRAUSS S D
COST: 4.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M O P T
COPYRIGHT:
DATE: 74-06

CHEMICAL TREATMENT
WATER WELLS
MEMBRANE FILTRATION
DEAERATION
WATER CHARACTERISTICS
FILTRATION
REVERSE OSMOSIS
DEMINERALIZATION
STEAM
ION EXCHANGE
SOFTENING
COAGULATION

EPAW01156

HEAT EXCHANGERS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO
REMARKS AND ABSTRACT:
16PP.
UNFIRED SHELL-AND-TUBE HEAT EXCHANGERS FOUND IN STEAM-GENERATION AND CLIMATE-CONTROL SYSTEMS ARE GIVEN INDIVIDUAL ATTENTION. OPERATION, AMINTENANCE, DESIGN, FABRICATION AND MATERIALS SELECTION ARE DISCUSSED FOR BOTH INDUSTRIAL UNITS AND THOSE USED IN CENTRAL GENERATING STATIONS. SECTIONS ON BASIC HEAT-TRANSFER THEORY AND THE PREPARATION OF HEAT-EXCHANGERS SPECIFICATIONS ROUND OUT THE REPORT.

COST: 1.35 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M O T
COPYRIGHT:
DATE: 76-99

EPAW01158

MECHANICAL SEALS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
24PP.
COMPREHENSIVE REVIEW OF MECHANICAL SEALING OF ROTATING SHAFTS. LATEST ON SEAL TYPES, HOW THEY WORK, THEIR MATERIAL, FINISH, COOLING SYSTEMS, SELECTION, INSTALLATION AND CARE.

COST: 1.35 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EQUIPMENT (PLANT)
SEALS

PAW01159
MOTORS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
MOTORS
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
32PP.
A COMPREHANSIVE LOOK AT MOTORS. ELECTRICAL AND MECHANICAL FEATURES COMMON TO ALL MOTORS--ENCLOSURES, BEARINGS, INSULATION--ARE CONSIDERED IN DETAIL AND BASIC MATERIALS AND METHODS ARE DISCUSSED.

EPAW01161
PIPING
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
PIPES DESIGN
STANDARDS
COST: 1.35 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
24PP.
A COMPREHENSIVE LOOK AT PIPING SYSTEMS. COVERS BASIC FACTORS IN ENERGY SYSTEM PIPING DESIGN--MATERIALS, CODES, STANDARDS, TESTING, MANUFACTURING METHODS, JOINING METHODS AND FLUID LOSSES. COMMON AND SPECIAL PIPE MATERIALS ARE INCLUDED. NOMOGRAPHS GIVE ACCURATE ESTIMATION OF SYSTEM FLUID LOSSES.

EPAW01162
PISTON RINGS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
MAINTENANCE
ENGINES
COST: 1.35 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
24PP.
COMPREHENSIVE REVIEW OF PISTON RING MAINTENANCE. TIPS ON INSTALLING, OPERATING, RENEWING RINGS, PLUS MAKING THEM IN EMERGENCIES.

EPAW01163
POLLUTANT CONTROL EQUIPMENT GASES LIQUIDS SOLIDS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
EQUIPMENT (PLANT)
LAWS AND REGULATIONS
WASTEWATER TREATMENT
WASTEWATER TREATMENT PLANTS
COST: 2.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O M S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
32PP.
THE STRONG REGULATORY POLICY NOW IN FORCE IS BRINGING ABOUT MAJOR CAPITAL SPENDING AIMED AT CLEANING UP OUR AIR AND WATER ALONG WITH DISPOSAL OF SOLID WASTES. PRESENTS A CLEAR ANALYSIS OF THE PROBLEM AND CURRENT (ALONG WITH COMING) REGULATIONS; EQUIPMENT AVAILABLE TO MEET THE REQUIREMENTS AND HOW THAT EQUIPMENT CAN BE DESIGNED INTO A SYSTEM; THE IMPACT OF CHANGING PROCESSES AND REGULATIONS ON EQUIPMENT BUYING PRACTICE.

EPAW01164

PROTECTIVE RELAYING
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
ELECTRIC POWER
REMARKS AND ABSTRACT:
COST: 1.35 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O
COPYRIGHT:
DATE: 76-99
MAINTENANCE

COMPREHENSIVE REVIEW OF PROTECTIVE RELAYING IN THE USE OF ELECTRICAL POWER. EACH TYPE OF PROTECTIVE FUNCTION IS DISCUSSED, AND TYPE OF RELAY TO USE IS INDICATED. RELAY CIRCUITS FOR SIMPLE ELECTRIC SYSTEMS ARE TREATED, AS WELL AS FAIRLY COMPLICATED SYSTEMS. TIPS ON MAINTENANCE AND TESTING ARE GIVEN.

EPAW01165

VALVES
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
VALVES
REMARKS AND ABSTRACT:
COST: 1.10 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O
COPYRIGHT:
DATE: 76-99

116PP.
A COMPREHENSIVE REVIEW OF VALVES. COVERS VALVES, ACTUATORS, POSITIONERS, AND THEIR APPLICATION TO PROBLEMS OF FLUID HANDLING AND CONTROL. CURRENT THINKING AND TRENDS IN SPECIFIC APPLICATIONS, SUCH AS HIGH-PRESSURE DROP, LOW-NOISE, AUTOMATION, ARE ILLUSTRATED AND DESCRIBED.

EPAW01166

VIBRATION ISOLATION
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
COST: 1.10 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
EQUIPMENT (PLANT)

16PP.
SHOWS HOW TO ISOLATE EQUIPMENT SO THAT ITS VIBRATION DOES NOT HARM OTHER EQUIPMENT--SO THAT OUTSIDE VIBRATION IS KEPT FROM DAMAGING ELECTRONIC AND LABORATORY EQUIPMENT, HARMING BUILDING STRUCTURES AND THE MACHINE ITSELF.

EPAW01169

ANATOMY OF A PRESENTATION PART I AND II
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
VISUAL AIDS
REMARKS AND ABSTRACT:
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
PUBLIC SPEAKING
TECHNICAL WRITING

16MM, 35 MIN., COLOR
GUIDES MANAGERIAL AND TECHNICAL PERSONNEL IN THE EFFECTIVE PRESENTATION OF REPORTS, IDEAS, AND PROPOSALS. THE JUNIOR MAN GETS VALUABLE COACHING AND COUNSELING IN THE SELECTION OF THE PROPER VISUAL AIDS, COLLECTION OF DATA, ORGANIZATION AND DEVELOPMENT OF THE PRESENTATION, ANALYSIS OF THE NEEDS OF THE AUDIENCE, AND GUIDELINES TO MAKE A PRESENTATION EASIER AND MORE EFFECTIVE.

EPAW01171

BREAKING THE DELEGATION BARRIER
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
SUPERVISION
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 30 MIN., COLOR
SHOWS BY EXAMPLE THE CONCEPTS OF WORKING THROUGH PEOPLE AND THE IMPORTANCE OF DEVELOPING SUBORDINATES. IT PRESENTS AN UNDERSTANDING OF DELEGATION AND ITS IMPORTANCE IN INCREASING EFFICIENCY AND PROMOTING PERSONAL GROWTH IN ALL LEVELS IN THE ORGANIZATION.

EPAW01172

CASE OF INSUBORDINATION
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS SUPERVISION
COST: 50.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 20 MIN., COLOR
IDEAL FOR STIMULATING PARTICIPATION AND TEACHING DISCIPLINARY AND GRIEVANCE PROCEDURES REGARDLESS OF UNION OR INDUSTRY STATUS.

EPAW01173

COUNT TO TEN
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
MANAGEMENT
COMMUNICATION
PUBLIC RELATIONS
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 26 MIN., COLOR$ MANAGER$S GUIDBOOK "PUBLIC CONTACT: CHORE OR CHALLENGE" RECOMMENDED.
DEMONSTRATES TECHNIQUES THAT WILL MAKE WORK EASIER AND MORE PLEASANT IN ORDER TO MAINTAIN CUSTOMER GOOD WILL.
IT DEMONSTRATES METHODS USED TO PREVENT SITUATIONS FROM DELELOPING INTO HURTFUL AREAS OF CONFLICT.

EPAW01174

PUBLIC CONTACT CHORE OR CHALLENGE
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
PUBLIC RELATIONS
COST: 1.95 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
12PP.; COMPANION FILMS: "I JUST WORK HERE" (EPAW00417), AND "COUNT TO TEN" (EPA201173).
POINTS TO MANY SKILLS THAT MUST BE DELVELOPED IN DEALING WITH THE PUBLIC - INTERPERSONAL SKILLS THAT PUBLIC CONTACT PEOPLE NEED IN LINKING CUSTOMERS TO SERVICE. PRESENTS 10 PRINCIPLES OF EFFECTIVE PUBLIC CONTACT. OFFERS 12 SELF-APPRAISAL QUESTIONS AND 15 IN-DEPTH STUDIES OF ATTITUDES TOWARD WORK, THE PUBLIC AND ORGANIZATION.

EPAW01175
CRITICAL PATH IN USE
DATE: 76-99
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 35.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
PLANNING
SYSTEMS ANALYSIS AND MODELING
REMARKS AND ABSTRACT:
16MM, 28 MIN., BLACK & WHITE
SHOWS HOW NETWORKS ARE ANALYZED, PROJECT TIME IS REDUCED, AND HOW CORRECTIVE ACTION IS FACILITATED DURING A CRISIS. HOW EMPLOYEES ON ALL LEVELS CAN BE MOTIVATED TO USE CRITICAL PATH METHODS IN THEIR JOBS.

EPAW01176
BOB KNOWLTON STORY
DATE: 76-99
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
MANAGEMENT
SUPERVISION
REMARKS AND ABSTRACT:
16MM, 28 MIN., COLOR
STIMULATES THINKING IN THE SENSITIVE AREAS OF MANAGING THE NONCONFORMIST AND DEVELOPING HARMONIOUS GROUP RELATIONS. RAISES INTERESTING QUESTIONS ABOUT MANAGING A SUBORDINATE WHEN HE IS THE AUTHORITY IN HIS FIELD. IT POINT UP THE IMPORTANCE OF MANAGERS AND SUBORDINATES KEEPING THE CHANNELS OF COMMUNICATION MUTUALLY OPEN.

EPAW01177
ENGINEERING OF AGREEMENT
DATE: 76-99
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
PUBLIC RELATIONS
REMARKS AND ABSTRACT:
16MM, 21 MIN., COLOR; MANAGER'S GUIDBOOK "CREATING AGREEMENT" (EPAW01178) RECOMMENDED.
INSTRUCTS SALESMEN IN COMMUNICATION METHODS WHICH WILL BRING ABOUT AGREEMENT FROM CUSTOMERS. AIDS IN DEMONSTRATING HOW TO FOSTER UNDERSTANDING AND AGREEMENT BETWEEN PEOPLE, WIN COOPERATION, AND INSTILL ACCEPTANCE OF NEW IDEAS, PRODUCTS, OR SERVICES.

EPAW01178
CREATING AGREEMENT
DATE: 76-99
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 1.95 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
19PP.; TEST QUESTIONS; COMPANION FILM: "THE ENGINEERING OF AGREEMENT" (EPAW01177)
PRESENTS THE PROCESS OF ENSURING ACCEPTANCE OF WORKABLE PLANS OR IDEAS. PROVIDES A SELF-EVALUATION OF HOW WELL TRAINEES KNOW HOW TO CREATE AGREEMENT BY USING OPEN QUESTIONS, REFLECTION AND DIRECTION QUESTIONS.

EPAW01179
COMMUNICATIONS OF PURPOSE
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
COST: 35.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 40 MIN., BLACK & WHITE
SHOWS HOW TO ACCOMPLISH ORGANIZATIONAL GOALS THROUGH THE ESTABLISHMENT OF UNDERSTANDING. DEALS WITH THE IMPORTANCE OF OPPORTUNITY, RECOGNITION, BELONGING, AND SECURITY AS MORALE BUILDERS AND DISTINGUISHES BETWEEN WHAT PEOPLE WORK FOR AND WHAT THEY WORK AT.

EPAW01180
STRENGTH OF LEADERS
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
SUPERVISION
COST: 35.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 40 MIN., BLACK & WHITE
DEMONSTRATES THE IMPORTANCE OF UNDERSTANDING AND USING MANAGERIAL "POSITIONS OF STRENGTH" IN THE LEADERSHIP FUNCTION. REVIEWS THE "4 POSITIONS OF STRENGTH" FROM WHICH MANAGERS EXERCISE THEIR LEADERSHIP - COMPETENCE, POSITION, PERSONALITY AND CHARACTER.

EPAW01181
FUNCTIONS OF MANAGEMENT
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
PLANNING
MANAGEMENT
COST: 35.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 40 MIN., BLACK & WHITE
SHOWS MANAGERS AND SUPERVIOSRS HOW TO USE THE FUNCTIONS OF MANAGEMENT TO GET COOPERATION AND INCREASED PRODUCTION FROM SUBORDINATES.

EPAW01182
FAULT ANALYSIS (CUT OF PRINT)
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR

EPAW01183
FAULT ANALYSIS PROGRAMMED LEARNING BOOK (OUT OF PRINT)
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:

EPAW01184
FAULT ANALYSIS MEMORY CARDS (OUT OF PRINT)
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:

EPAW01185
FREEDOM RIVER (OUT OF PRINT)
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 8 MIN., COLOR

EPAW01186
GETTING AHEAD THE ROAD TO SELF DEVELOPMENT
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
JOB ANALYSIS
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 28 MIN, COLOR
ENCOURAGES SELF-EVALUATION, GOAL-SETTING, CONTINUING EDUCATION, ON-THE-JOB LEARNING AND ACTIVITIES ESSENTIAL TO SELF-DEVELOPMENT AT ALL LEVELS. CONSISTS OF INTERVIEWS WITH A NUMBER OF SUCCESSFUL PEOPLE WHO DESCRIBE THE TECHNIQUES, EDUCATION, AND PREPARATION THEY NEEDED FOR SUCCESS IN THEIR PRESENT POSITIONS.

EPAW01187
HOW GOOD IS A GOOD GUY
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
SUPERVISION
COMMUNICATION
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 21 MIN, COLOR
TEACHES HOW TO BE MORE EFFECTIVE AND CONFIDENT AND DEVELOP DISCIPLINARY CONTROL. POINTS OUT HOW BEING A "GOOD GUY" DETRACTS FROM A SUPERVISOR'S EFFECTIVENESS IN GIVING DIRECTION AND SUPERVISION.

EPAW01188
I D RATHER NOT SAY
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
PLANNING
COMMUNICATION
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 30 MIN., COLOR
SHOWS HOW TO GET ALL THE INFORMATION ESSENTIAL TO MAKING PLANNING DECISIONS. SHOWS HOW, BY COMMUNICATING HIS UNDERSTANDING AND TRUST, A MANAGER CAN STIMULATE OTHERS TO GIVE HIM THE INFORMATION HE NEEDS. IT SHOWS THE USE OF KURT LEWIN'S "FORCE FIELD" APPROACH TO REMOVE THE FORCES THAT KEEP A PERSON FROM "OPENING UP".

EPAW01189
IMAGINATION AT WORK
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
MANAGEMENT
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 21 MIN., COLOR
DEVELOPS AN ATMOSPHERE WHICH ENCOURAGES PRACTICAL CREATIVE THINKING. SHOWS THE TECHNIQUES AND SKILLS OF CREATIVE THINKING WITH SUGGESTIONS FOR THEIR APPLICATION. DISCUSSES THE FOUR FACTORS NECESSARY FOR CREATIVE THINKING - SENSITIVITY, FLUENCY, FLEXIBILITY, AND ORIGINALITY.

EPAW01190
IS IT ALWAYS RIGHT TO BE RIGHT
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
MANAGEMENT
COMMUNICATION
COST: 25.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 8 MIN., COLOR: AWARDED THE "OSCAR" -ACADEMY OF MOTION PICTURE ARTS & SCIENCES.
THIS FILM CAN BE USED AT SESSIONS ON COMMUNITY INVOLVEMENT, PERCEPTION, CONFLICT, HUMAN RELATIONS, AND COMMUNICATION, TO DEMONSTRATE THE IMPORTANCE OF OPENNESS AND RECEPTIVITY. WON AN OSCAR AT THE ACADEMY AWARDS, NARRATED BY MR. ORSON WELLS. IT EXAMINES ESTRANGEMENT, CONFLICT OF OPINION AND WILL, THE FUTILITY OF NEVER RECOGNIZING WHEN WE MAY BE WRONG.

EPAW01191
JUDGING PEOPLE
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
JOB ANALYSIS
MANAGEMENT
COST: 35.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 23 MIN., BLACK & WHITE.
TEACHES THE TECHNIQUES OF APPRAISING PERFORMANCE, ASSIGNING WORK, AND DELEGATING, TO APPLY IN MAKING PERSONNEL DECISIONS. PRACTICAL TECHNIQUES ANY MANAGER CAN USE TO JUDGE ABILITY, PERSONALITY, INTELLIGENCE, CHARACTER, AND POTENTIAL ARE EXPLAINED. INCLUDES: ESTABLISHING AN ORDER OF PRIORITY, EVALUATING THE OPINIONS OF OTHERS, LISTENING, QUESTIONING, WEIGHING INFORMATION, AND DISCOVERING PATTERNS OF PERFORMANCE.

EPAW01192 DATE: 76-99
LETTER WRITING AT WORK
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION (WRITTEN) SECRETARIAL SKILLS
REMARKS AND ABSTRACT:
16MM, 19 MIN., COLOR; MANAGER'S GUIDEBOOK "THE MODERN BUSINESS LETTER" RECOMMENDED (EPAW01193).
SHOWS HOW A BUSINESS LETTER CAN BE MADE TO FULFILL ITS TWO MAIN FUNCTIONS: AS A MESSENGER AND AS AN AMBASSADOR.
BASIC FRAMEWORK FOR LETTER WRITING PLUS USE OF PUNCTUATION AND WORDS.

EPAW01193 DATE: 76-99
MODERN BUSINESS LETTER
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 1.95 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
SECRETARIAL SKILLS
REMARKS AND ABSTRACT:
24PP.; COMPANION FILMS: "WRITING LETTERS THAT GET RESULTS" (EPAW01226) AND "LETTER WRITING AT WORK" (EPAW01192).
OUTLINES THE IMPORTANT STEPS IN CREATING AN INTERESTING, EFFECTIVE BUSINESS LETTER. SECTIONS ILLUSTRATE
MODERN CONCEPTS OF THE BUSINESS LETTER, PLANNING CORRESPONDENCE, OPENING, TELLING THE STORY, AND CLOSING THE
LETTER. ALSO INCLUDED IS A DICTIONARY OF MORE THAN 100 COMMONLY USED AND MISUSED WORDS AND PHRASES.

EPAW01194 DATE: 76-99
LISTENING
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION (ORAL)
REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR
DEMONSTRATES THE IMPORTANCE OF GOOD LISTENING HABITS TO OPEN UP THE HALF-WAY COMMUNICATION THAT BLOCKS
MANAGERIAL INPUT.

EPAW01195 DATE: 76-99
MAKING OF A DECISION
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
DECISION MAKING
REMARKS AND ABSTRACT:
16MM, 32 MIN., COLOR
DEALS SPECIFICALLY WITH THE PROBLEM OF SELECTION FOR PROMOTION, IN AN AREA WHERE THE ABILITY TO ARRIVE AT A
DECISION WILL BE A GOVERNING FACTOR.

EPAW01196
MANAGEMENT MOTIVATION AND THE NEW MINORITY WORKER
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS COMMUNICATION
INSTRUCTION
REMARKS AND ABSTRACT:
16MM, 30 MIN., COLOR
PROVIDES A DISCUSSION VEHICLE FOR THOSE WHO TEACH SUPERVISORS IN THIS OFTEN DIFFICULT AREA OF EMPLOYEE RELATIONS. ROLE-PLAYING AND REVERSE ROLE-PLAYING, WITH COMMENTARY BY A MULTI-RACIAL PANEL OF EXPERTS, DRAMATIZE THE SENSITIVE AREAS OF CULTURE GAP AND MOTIVATION - AND SUGGEST HELPFUL TRAINING TECHNIQUES AND ATTITUDES.

EPAW01197
MANAGER WANTED
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
SUPERVISION
JOB ANALYSIS
REMARKS AND ABSTRACT:
16MM, 29 MIN., COLOR
SHOWS THE ESSENTIAL REQUIREMENTS FOR EFFECTIVE MANAGERIAL TRAINING AND THE IMPORTANCE OF DELEGATION. BRINGS INTO SHARP FOCUS QUESTIONS WHICH AFFECT THE CARRER OF EVERY MANAGER. WHY DO MEN OF REAL ABILITY OFTEN FAIL TO MAKE THE GRADE AS MANAGERS? HOW DOES A MAN COME TO "FEEL" LIKE A MANAGER OR EVEN WANT TO BECOME ONE? HOW MUCH RESPONSIBILITY DOES A MAN HAVE FOR THE DEVELOPMENT OF HIS REPLACEMENT?

EPAW01198
MAN IN THE MIDDLE (OUT OF PRINT)
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
SUBJECT AREAS:
REMARKS AND ABSTRACT:
16MM, 28 MIN., BLACK & WHITE

EPAW01199
MATTER OF METHOD
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
PLANNING
SUPERVISION
COMMUNICATION
REMARKS AND ABSTRACT:
16MM, 24 MIN., COLOR
DEMONSTRATES TO FIRST LINE SUPERVISORS THE IMPORTANCE OF PLANNING AND PROBLEM SOLVING. USES DIAGRAMS TO SHOW WHERE THE SUPERVISOR FITS IN THE STRUCTURE OF AN ORGANIZATION AND THE IMPLICATIONS OF THIS ON HIS COMMUNICATIONS. IN PARTICULAR THE IMPORTANCE OF TWO-WAY COMMUNICATION WITH MANAGEMENT AND WITH HIS WORKING GROUP.

DATE: 76-99

EPAW01200
MEASURE OF UNDERSTANDING
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
16MM, 29 MIN., COLOR
FOCUSES ON THE PROBLEMS INVOLVED IN COMMUNICATING MEANING, ATTITUDES, AND INTENTIONS. EMPHASIZES HOW MEANING IS COMMUNICATED ON AN INFORMATIONAL AND BEHAVIORAL LEVEL, AND THAT COMMUNICATION IS CLEAR ONLY WHEN BOTH INFORMATION AND BEHAVIOR SAY THE SAME THING. SHOWS THE NECESSITY OF PREVENTING ASSUMPTIONS AND SUMMARIZING COMMUNICATION AND INFORMATION LOGICALLY.

DATE: 76-99

EPAW01201
MEETING IN PROGRESS
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 60.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
PUBLIC SPEAKING
DECISION MAKING
REMARKS AND ABSTRACT:
16MM, 43 MIN., COLOR; MANAGER'S GUIDEBOOK "CONDERENCE LEADERSHIP: THE CRITICAL FUNCTIONS" RECOMMENDED (EPAW01202). PROVIDES A MEANS OF TEACHING CONFERENCE LEADERSHIP THROUGH GROUP PARTICIPATIONS. THE TASK FUNCTIONS OF INITIATING, OPINION SEEKING AND GIVING, CLARIFYING AND SUMMARIZING AND THE GROUP RELATIONS FUNCTIONS OF ENCOURAGING, MODIFYING AND EVALUATING ARE DEMONSTRATED. DISCUSSES 12 CRITICAL POINTS THAT MAY COME UP IN ANY MEETING, SUCH AS CONFLICT, LACK OF PARTICIPATION, GETTING OFF THE SUBJECT, ETC.

DATE: 76-99

EPAW01202
CONFERENCE LEADERSHIP THE CRITICAL FUNCTIONS
AUTHOR(S): FOWLER O D
MACURDA M
SOURCE(S): ROUNDTABLE
COST: 1.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
SUPERVISION
INSTRUCTION
DECISION MAKING
MEETINGS AND CONFERENCES
REMARKS AND ABSTRACT:
30PP.; FOR USE SOLELY IN CONJUNCTION WITH THE FILM "MEETING IN PROGRESS" (EPAW01201) DESIGNED SO THAT VIEWERS OF THE FILM CAN RECORD AND RE-EVALUATE THEIR CHOICE OF THE BEST ALTERNATIVE COURSE OF ACTION AT EACH CRITICAL POINT IN THE FILM. AFTER THE FILM IS OVER, THE MANUAL REMAINS A LEARNING TOOL AS IT DISCUSSES EACH INDIVIDUAL ALTERNATIVE - RIGHT AS WELL AS WRONG CHOICES. INCLUDED ARE EXPLANATIONS OF TASK AND GROUP RELATIONS FUNCTIONS AND EXERCISES WHICH WILL REINFORCE COMPREHENSION OF THESE PRINCIPLES AS THEY APPEAR IN THE FILM.

DATE: 76-99

EPAW01203
NATIONAL MANAGERIAL TEST
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 80.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
16MM, 60 MIN., COLOR
PRESENTS 12 CHALLENGING MULTIPLE CHOICE QUESTIONS, 10 INVOLVING DRAMATIC EPISODES, 2 OPEN-END CASES AND 4 QUEST CONSULTANTS TO EXPLORE MANY IMPORTANT MANAGEMENT PROBLEMS. A PROGRAMMED FILM TEST.

EPAW01204
OVERCOMING RESISTANCE TO CHANGE DATE: 76-99
AUTHOR(S): ROUNDTABLE TYPE(S): MP CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 50.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SUPERVISION COMMUNICATION
REMARKS AND ABSTRACT:
16MM, 30 MIN., COLOR
TEACHES HOW TO PREVENT AS WELL AS OVERCOME RESISTANCE; HOW TO GAIN EMPLOYEE ACCEPTANCE AND COOPERATION DURING CRITICAL TRANSITIONAL PERIODS. IT DEMONSTRATES HOW RESISTANCE SHOULD BE HANDLED BY CLEARING UP MISPERCEPTIONS, OPENING COMMUNICATION CHANNELS, DEVELOPING PARTICIPATION, AND PERMITTING THE VENTILATION OF FEELINGS.

EPAW01205
PATTERN FOR INSTRUCTION DATE: 76-99
AUTHOR(S): ROUNDTABLE TYPE(S): MP CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 50.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
INSTRUCTION
REMARKS AND ABSTRACT:
16MM, 21 MIN., COLOR; MANAGER'S GUIDEBOOK "JOB INSTRUCTION: THE COMMUNICATION OF ABILITY" RECOMMENDED. RELATES THE BASIC STEPS IN JOB INSTRUCTION TRAINING TO THE PRINCIPLES OF LEARNING. ENCOURAGES A MORE POSITIVE ATTITUDE TOWARD THE SUPERVISOR'S TRAINING JOB.

EPAW01206
PATTERN FOR INSTRUCTION POSTERS (OUT OF PRINT) DATE: 76-99
AUTHOR(S): ROUNDTABLE TYPE(S): PM CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
VISUAL AIDS
REMARKS AND ABSTRACT:

EPAW01207
JOB INSTRUCTION THE COMMUNICATION OF ABILITY DATE: 76-99
AUTHOR(S): ROUNDTABLE TYPE(S): PM CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 1.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
INSTRUCTION COMMUNICATION
REMARKS AND ABSTRACT:
23PP.; COMPANION FILM: "PATTERN FOR INSTRUCTION" (EPAW01205)
PRESENTS THE FUNDAMENTALS OF JOB INSTRUCTION AND TRAINING FROM THE POINT OF VIEW OF BOTH THE LEARNER AND THE INSTRUCTOR. THE FOUR STEP METHOD DESCRIBED WILL GUIDE SUPERVISORS IN TEACHING BOTH NEW AND EXPERIENCED EMPLOYEES IN ANY JOB SITUATION. TEXT DETAILS HOW TO PREPARE TO INSTRUCT, HOW TO PRESENT THE JOB, HOW TO DEVELOP SKILLS BY LETTING PEOPLE ATTEMPT NEW TASKS AND THE PROPER WAY TO FOLLOW-UP, PROVIDE ENCOURAGEMENT AND ANSWER QUESTIONS.

EPAW012C8 DATE: 76-99
PERSON TO PERSON COMMUNICATION
AUTHOR(S): ROUNDTABLE TYPE(S): MP CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 50.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION (ORAL)
REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR
ILLUSTRATES THE IMPORTANCE OF OVERCOMING BARRIERS TO COMMUNICATION AND MAKE US AWARE OF THE UNSPOKEN FACTORS WHICH AFFECT COMMUNICATION: ASSUMPTIONS, VIEWPOINTS, AND FEELINGS. STRESSES THE IMPORTANCE OF LISTENING TO DETERMINE THE UNSPOKEN FACTORS OF ASSUMPTIONS, VIEWPOINTS, AND FEELINGS.

EPAW01209 DATE: 76-99
PROBLEM SOLVING A CASE STUDY
AUTHOR(S): ROUNDTABLE TYPE(S): MP CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 50.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
QUALITY CONTROL TROUBLESHOOTING
REMARKS AND ABSTRACT:
16MM, 22 MIN., COLOR; COMPANION FILM: "PROBLEM SOLVING - SOME BASIC PRINCIPLES".
ENABLES THE TRAINER TO COMPLETELY INVOLVE THE AUDIENCE IN THE PROBLEM SOLVING PROCESS. TO LOCATE AND CORRECT A QUALITY CONTROL PROBLEM.

EPAW0121C DATE: 76-99
PROBLEM SOLVING SOME BASIC PRINCIPLES
AUTHOR(S): ROUNDTABLE TYPE(S): MP CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 50.00 R LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
DECISION MAKING
REMARKS AND ABSTRACT:
16MM, 18 MIN., COLOR; COMPANION FILM: "PROBLEM SOLVING A CASE STUDY" (EPAW01209).
PRESENTS MANAGERS WITH A SYSTEMATIC APPROACH TO PROBLEM SOLVING AND DECISION MAKING.

EPAW01211 DATE: 76-99
SOMETHING TO WORK FOR
AUTHOR(S): ROUNDTABLE TYPE(S): MP CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 50.00 R LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
SUPERVISION STANDARDS COMMUNICATION
REMARKS AND ABSTRACT:
16MM, 30 MIN., COLOR
STRESSES THE IMPORTANCE OF SETTING HIGH STANDARDS, COMMUNICATING CLEARLY, AND GIVING ENCOURAGEMENT AND SUPPORT TO YOUR SUBORDINATES. HELPS MANAGERS TO MOTIVATE THEIR PEOPLE, RAISE STANDARDS, AND IMPROVE PRODUCTIVITY.

EPAW01212 DATE: 76-99
STYLES OF LEADERSHIP
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
16MM, 25 MIN., COLOR
DESIGNED TO AID THE INSTRUCTOR WHO HAS BEEN TRYING TO STIMULATE NEW INSIGHTS INTO THE VARIOUS WAYS MANAGERS EXERCISE THEIR AUTHORITY. HELPS VIEWERS TO INCREASE THEIR FLEXIBILITY IN GETTING ALONG PRODUCTIVELY WITH ALL TYPES OF BOSSES.

EPAW01213 DATE: 76-99
TAKE A GIANT STEP (OUT OF PRINT)
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES: M
COPYRIGHT:
SUBJECT AREAS:

REMARKS AND ABSTRACT:
16MM, 25 MIN., COLOR

EPAW01214 DATE: 76-99
TALKBACK A STUDY IN COMMUNICATION
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 35.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
SUPERVISION
REMARKS AND ABSTRACT:
16MM, 18 MIN., BLACK & WHITE
HELPS MANAGERS RESOLVE COMMUNICATIONS PROBLEMS WHICH OFTEN LEAD TO INDUSTRIAL UNREST AND DISSENSION. EXAMINES THE-UNDERLYING ATTITUDES WHICH CAUSE BAD COMMUNICATION. ITS PRIMARY PURPOSE IS TO MOTIVATE THE VIEWER INTO RECONSIDERING NOT ONLY HIS OWN ATTITUDES AND PRACTICES, BUT ALSO THOSE OF HIS COMPANY IN GENERAL.

EPAW01215 DATE: 76-99
TELEPHONE AT WORK
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION (ORAL)
SECRETARIAL SKILLS
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR
DEMONSTRATES PROPER, POLITE, AND EFFICIENT USE OF THE TELEPHONE FOR AN ORGANIZATION.

EPAW01216
THATS NOT MY JOB
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
16MM, 26 MIN., COLOR
WHEN EMPLOYEES FAIL TO COOPERATE, PRODUCTIVITY AND MORALE SUFFER. THIS FILM ATTACKS THE PROBLEM ON TWO LEVELS. IT ENCOURAGES EMPLOYEES TO RECOGNIZE THE RELATIONSHIP OF THEIR WORK TO THAT OF OTHERS, HELPING TO BUILD MORALE AND TEAMWORK. IT HELPS SUPERVISORS TO DEVELOP THEIR ABILITY TO DEAL WITH UNCOOPERATIVE WORKERS.
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99

EPAW01217
TIME TO THINK
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
DECISION MAKING
PLANNING
REMARKS AND ABSTRACT:
16MM, 20 MIN., COLOR
SHOWS HOW THE EXECUTIVE IMPROVES THE MECHANICS OF HIS JOB AND GAINS THE SELF-DISCIPLINE REQUIRED TO GIVE HIMSELF TIME TO THINK AND TIME TO PLAN.
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99

EPAW01218
UNCALCULATED RISK
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
MANAGEMENT
DECISION MAKING
REMARKS AND ABSTRACT:
16MM, 26 MIN., COLOR, TO STIMULATE GREATER INVOLVEMENT, GIVE TRAINEES THE "UNCRITICAL INFERENCE TEST." SEE EPAW01219. HELPS INTERVIEWERS DISTINGUISH INFERENCE FROM OBSERVATION AND MAKE BETTER PERSONNEL DECISIONS. SHOWS JUST WHAT HAPPENS WHEN ACTIONS ARE BASED ON INFERENCES AND GUESSES, RATHER THAN FACT.
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99

EPAW01219
UNCRITICAL INFERENCE TESTS
AUTHOR(S): HANLEY W
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
PERSONNEL
DECISION MAKING
HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
3 TEST STORIES, 75 TEST ITEMS, ANSWER KEY. USE WITH "UNCALCULATED RISK". SEE EPAW01218. STIMULATES GREATER INVOLVEMENT. USE WITH THE FILM "THE UNCALCULATED RISK."
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99

EPAW01220
VALUE FOR MONEY
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COSTS
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 30 MIN., COLOR
HELPS DEVELOP ANALYTICAL SKILLS IN REDUCING AND CONTROLLING COSTS. SHOWS CONTROL OF TYPICAL EXAMPLES OF MONEY WASTING SITUATIONS IN TIME, MANPOWER, MATERIALS, AND MACHINES.

EPAW01221
WAY I SEE IT
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
MANAGEMENT BY OBJECTIVES
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 23 MIN., COLOR; MANAGER'S GUIDEBOOK "GETTING YOUR SIGNALS STRAIGHT" (EPAW01222) RECOMMENDED.
SHOWS WHAT CAN HAPPEN WHEN GOALS ARE NOT SET, OBJECTIVES CLEARLY DEFINED, AND REVIEW POINTS ESTABLISHED.
STIMULATES DISCUSSION AND UNDERSTANDING OF PERCEPTUAL DIFFERENCES AND THEIR EFFECTS. ATTACKS THE PROBLEMS
BEHIND JOB ASSIGNMENTS THAT FAIL, GOALS THAT ARE NEVER REACHED, AND WORK RELATIONSHIPS THAT DETERIORATE.

EPAW01222
GETTING YOUR SIGNALS STRAIGHT
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
COST: 1.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
15PP.; COMPANION FILM: "THE WAY I SEE IT" (EPAW01221).
HELPS CLEAR UP FALSE ASSUMPTIONS AND PREVENT MISUNDERSTANDINGS IN DAY-TO-DAY COMMUNICATIONS. SHOWS THAT BY
EXAMINING WHAT IS SAID AS WELL AS WHAT IS INDICATED SILENTLY BY GESTURE AND FACIAL EXPRESSION, THE MANAGER
CAN GET MORE ACCURATE INPUT FROM OTHERS AS TO HOW HE REALLY COMES ACROSS. HE CAN LEARN TO AVOID MISINTER-
PRETING THE ACTIONS AND INTENTIONS OF OTHERS.

EPAW01223
WELCOME ABOARD
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
SUPERVISION
PERSONNEL
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 21 MIN., COLOR; "WELCOME ABOARD TRAINING PACKAGE" AND "WELCOME ABOARD POSTER" RECOMMENDED.
HELPS START A PROGRAM AMONG FIRST-LINE SUPERVISORS THAT WILL AID THEM IN GETTING THEIR NEW EMPLOYEES, AND
RECENT TRANSFERS, OFF TO A GOOD START, HELP THEM ACHIEVE MAXIMUM PRODUCTIVITY FASTER, AND CUT EXCESSIVE
EMPLOYEE TURNOVER. IT STIMULATES VIEWERS TO ASSESS THEIR OWN ROLES AND RESPONSIBILITIES IN HELPING NEW
PEOPLE TO BECOME ORIENTED QUICKLY, EASILY, PRODUCTIVELY.

EPAW01224

WELCOME ABOARD LEARNING MATERIALS PACKAGE
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
COST: 10.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
INSTRUCTION
INCLUDES ONE SESSION PLANNER, 50 STUDY GUIDES, AND ONE POSTER. COMPANION FILM: "WELCOME ABOARD" (EPAW01223).
LEARNING AIDS TO HELP MAKE TRAINING SESSIONS MORE EFFECTIVE, MORE ENJOYABLE, AND EASIER.

EPAW01225

WILL TO WORK
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
MANAGEMENT
16MM, 30 MIN., COLOR.
DEMONSTRATES THE QUALITIES NEEDED TO ACHIEVE MOTIVATION OF THE INDIVIDUAL AND THE WORKING GROUP. SUPERVISOR'S RESPONSIBILITIES FOR MORALE INCLUDE: CONCERN FOR THE INDIVIDUAL, CONCERN FOR THE GROUP, FAIR DISCIPLINE, SELF CONTROL, IMPARTIALITY, APPROACHABILITY, LOYALTY AND SETTING A GOOD EXAMPLE.

EPAW01226

WRITING LETTERS THAT GET RESULTS
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION (WRITTEN)
REMARKS AND ABSTRACT:
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
SECRETARIAL SKILLS
16MM, 28 MIN., COLOR; MANAGER'S GUIDEBOOK "THE MODERN BUSINESS LETTER" RECOMMENDED (EPAW01193).
DISCUSSES AND ILLUSTRATES THE PRINCIPLES AND TECHNIQUES OF WRITING EFFECTIVE BUSINESS LETTERS. POINTS OUT THAT THE OBJECTIVES OF LETTER WRITING ARE TO CREATE INTEREST, TO PRESENT FACTS AND FIGURES, AND TO STIMULATE ACTION BY MAKING CLEAR THE PURPOSE OF THE LETTER.

EPAW01229

PERFORMANCE APPRAISAL RESPONSIBILITY AND OPPORTUNITY
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
JOB ANALYSIS
REMARKS AND ABSTRACT:
COST: 1.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
27PP.; COMPANION FILM: "YOU'RE COMING ALONG FINE" (EPAW01228).
SIX DETAILED STEPS TO EFFECTIVE PERFORMANCE APPRAISAL ASSISTS IN PROVIDING FEEDBACK FOR SUBORDINATES AND IN EVALUATING AND REACHING POTENTIALS. PROVIDES A NEEDED IMPETUS FOR IMPROVING SKILLS IN THE MANAGEMENT AREA.

EPAW01230
WET WELL
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE
SUBJECT AREAS:
PUMP STATIONS
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): AC AR
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
PUMPS
WASTEWATER TREATMENT DESIGN WATER WELLS
INFORMATION IS INCLUDED ON THE DESIGN FEATURES FOR THE WET WELL MANUFACTURED BY THIS COMPANY.

EPAW01231
SLUDGE CONCENTRATOR
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE
SUBJECT AREAS:
SLUDGE THICKENING
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): AC AR PM
LEVEL: 2
CATEGORIES: D O
COPYRIGHT: C
DATE: 76-99
OPERATIONS
MAINTENANCE
WASTEWATER TREATMENT DESIGN
THESE ITEMS ARE TO BE USED TO ASSIST THE DESIGN ENGINEER AS WELL AS OPERATIONS PERSONNEL IN THE USER OF THE SULDGE CONCENTRATOR.

EPAW01232
PHOSPHORUS REMOVAL
AUTHOR(S): SMITH LOVE
SOURCE(S): SMITH LOVE
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN
REMARKS AND ABSTRACT:
COST: 0.00 R
TYPE(S): AC AR
LEVEL: 3
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
PHOSPHATES
INFORMATION IS INCLUDED ON THE PHOSPHOROUS REMOVAL SYSTEMS MANUFACTURED BY THIS COMPANY.

EPAW01242
MANUAL FOR ACTIVATED SLUDGE SEWAGE TREATMENT
AUTHOR(S): GOODMAN B L
SOURCE(S): TECHNOMIC
SUBJECT AREAS:
ACTIVATED SLUDGE
REMARKS AND ABSTRACT:
204 PP
COST: 15.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E O T
COPYRIGHT:
DATE: 71-00
STEP BY STEP EXPLANATION OF THE PROCESS, FROM BASICS TO FINE POINTS OF ADVANCED WASTEWATER TREATMENT METHODS.

EPAW01244
WATER FACTS AND FIGURES FOR PLANNERS AND MANAGERS
AUTHOR(S): FETH J H
SOURCE(S): USGS
SUBJECT AREAS:
WATER CHARACTERISTICS
REMARKS AND ABSTRACT:
130PP.
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: P
COPYRIGHT: C
DATE: 73-00
WATER IS DEFINED IN TERMS OF ITS CHEMICAL COMPOSITION AND DOMINANT PHYSICAL PROPERTIES, SUCH AS EXPANSION ON FREEZING AND HIGH SURFACE TENSION. THE UNITS COMMONLY USED BY HYDROLOGISTS WITH RESPECT TO QUANTITIES AND QUALITY OF WATER ARE DEFINED; THEIR SIGNIFICANCE IN WATER MANAGEMENT IS OUTLINED, AND METRIC-ENGLISH EQIVALENTS ARE GIVEN FOR MANY. A GLOSSARY OF TERMS CONCLUDES THE REPORT WHICH IS INTENDED AS A REFERENCE WORK FOR USE BY PLANNERS AND MANAGERS.

EPAW01251

WATER SUPPLY FOR RURAL AREAS AND SMALL COMMUNITIES
AUTHOR(S): WAGNER D G LANOIX J N
SOURCE(S): WHO
COST: 6.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M
COPYRIGHT: C
DATE: 59-00
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN
DEVELOPING COUNTRIES
DISTRIBUTION SYSTEMS
PUBLIC HEALTH
REMARKS AND ABSTRACT:
(MONOGRAPH 42)
THE INFORMATION CONTAINED IN THIS VOLUME IS PRESENTED IN THREE PARTS. THE FIRST DEALS WITH THE PLANNING OF A WATER-SUPPL
TAKING INTO CONSIDERATION SUCH ASPECTS AS FINANCING, TECHNICAL FACILITIES AND PERSONNEL, TOPOGRAPHICAL INVESTIGATIONS, C
TREATMENT METHODS, ENGINEERING DESIGN AND THE PRACTICAL ASPECTS OF CONSTRUCTION AND OPERATION. THE SECOND PART DISCUSSES
COMPREHENSIVELY THE INSTALLATION OF VARIOUS TYPES OF WATER-SUPPLY SYSTEMS USING EITHER GROUND WATER OR SURFACE WATER. EX
ACTUAL DESIGN PLANS ARE GIVEN. THE THIRD PART IS DEVOTED TO THE THEORY AND PRACTICE OF MANAGEMENT OF SMALL WATER-SUPPLY

EPAW01252

EXCRETA DISPOSAL FOR RURAL AREAS AND SMALL COMMUNITIES
AUTHOR(S): WAGNER E G LANOIX U M
SOURCE(S): WHO
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M
COPYRIGHT: C
DATE: 58-00
SUBJECT AREAS:
DEVELOPING COUNTRIES
WASTEWATER DISPOSAL
DOMESTIC WASTEWATERS
PUBLIC HEALTH
REMARKS AND ABSTRACT:
(MONOGRAPH 39)
TO THOSE WHO ARE BEGINNING THEIR WORK IN EXCRETA DISPOSAL PROGRAMMES IN RURAL AREAS,
THIS WORK OFFERS SOME NEW IDEAS FOR THE SOLUTION OF A VERY OLD PROBLEM. IT IS ALSO A PRACTICAL GUIDE
FOR PUBLIC HEALTH ADMINISTRATORS, MEDICAL OFFICERS OF HEALTH, ENGINEERS ENGAGED IN HEALTH WORK, AND SANITARIANS.

EPAW01253

WASTE STABILIZATION PONDS
AUTHOR(S): GLOYNA E F
SOURCE(S): WHO
COST: 6.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D M
COPYRIGHT: C
DATE: 71-00
SUBJECT AREAS:
AERATED PONDS
DEVELOPING COUNTRIES
AEROBIC DIGESTION
MAINTENANCE
ANAEROBIC DIGESTION
OPERATIONS
WASTEWATER TREATMENT DESIGN
STABILIZATION LAGOONS
REMARKS AND ABSTRACT:
(MONOGRAPH 60)
THIS MONOGRAPH SUMMARIZES THE AVAILABLE INFORMATION ON WASTE STABILIZATION PONDS; IT DEFINES ACCEPTABLE DESIGN CRITERIA,
PROVIDES DATA ON POND DESIGN, SUGGESTS ALTERNATIVE APPROACHES TO DESIGN, AND DEALS WITH THE OPERATIONAL PROBLEMS THAT UL
DETERMINE THE SUCCESS OR FAILURE OF ANY WASTE-WATER TREATMENT FACILITY. IN ADDITION, IT PROVIDES BACKGROUND INFORMATION
GENERAL WASTE TREATMENT PRACTICES, AQUATIC ORGANISMS, THE PRINCIPLES OF WASTE DISPOSAL, AND DISEASE PREVENTION.

EPAW01254

PROBLEMS IN COMMUNITY WASTES MANAGEMENT
AUTHOR(S): ELLIS H M
SOURCE(S): WHO
COST: 2.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 69-00
SUBJECT AREAS:
TERTIARY TREATMENT
SEDIMENTATION
MANAGEMENT
WASTEWATER DISPOSAL
DOMESTIC WASTEWATERS
PUBLIC HEALTH
REMARKS AND ABSTRACT:
(PHP 38)
THE AUTHORS CONCERN THEMSELVES WITH THE INCREASING PROBLEMS INVOLVED IN THE EFFECTIVE MANAGEMENT OF LIQUID AND SOLID
WASTES, RESULTING FROM THE RAPID GROWTH IN POPULATIONS, AND FROM URBANIZATION, INDUSTRIALIZATION AND TECHNOLOGICAL
DEVELOPMENT. RESEARCH NEEDS AND THE HEALTH FACTORS RELATED TO THE REUSE OF WASTEWATER FOR AGRICULTURAL,
INDUSTRIAL AND MUNICIPAL PURPOSES ARE DISCRIBED.

EPAWC1255
TECHNIQUES FOR THE COLLECTION AND REPORTING OF DATA ON COMMUNITY WATER SUPPLY REPORT OF A WHO SCIENTIFI DATE: 72-00
AUTHOR(S): WHO TYPE(S): PM CATEGORIES: M
SOURCE(S): WHO COST: 0.75 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
DATA EVALUATION DEVELOPING COUNTRIES WATER SUPPLY STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
(TRS 490)
RECOMMENDS WAYS IN WHICH THE COLLECTION, COMPILATION AND REPORTING OF DATA ON COMMUNITY WATER SUPPLY CAN BE IMPROVED, AND INDICATES THE PURPOSES FOR WHICH THESE DATA ARE REQUIRED FOR DIFFERENT PHASES OF COMMUNITY WATER SUPPLY PROGRAMMES AT THE LOCAL, NATIONAL, REGIONAL, AND INTERNATIONAL LEVELS. THERE ARE TWO ANNEXES: A SPECIMEN REPORT FORM FOR RECORDING MINIMUM DATA AND A DETAILED LIST OF SUBJECTS ON WHICH DATA ARE REQUIRED FOR COMMUNITY WATER SUPPLY ACTIVITIES.

EPAWC1256
REUSE OF EFFLUENTS METHODS OF WASTEWATER TREATMENT AND HEALTH SAFEGUARDS REPORT OF A WHO MEETING OF EXP DATE: 73-00
AUTHOR(S): WHO TYPE(S): PM CATEGORIES: M
SOURCE(S): WHO COST: 1.25 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
TERTIARY TREATMENT EFFLUENTS LAWS AND REGULATIONS PUBLIC HEALTH
QUALITY CONTROL INDEXES AND BIBLIOGRAPHIES WATER REUSE
REMARKS AND ABSTRACT:
(TRS 517)
CONSIDERS THE LATEST TECHNOLOGICAL DEVELOPMENTS IN WATER TREATMENT AND THE HEALTH HAZARDS ASSOCIATED WITH THE REUSE OF TREATED WASTEWATER FOR AGRICULTURAL, INDUSTRIAL, RECREATIONAL, AND DOMESTIC PURPOSES. TECHNIQUES FOR THE QUALITY CONTROL OF RENOVATED WATER ARE DESCRIBED, AND A BIBLIOGRAPHY AND A SURVEY OF WASTEWATER REUSE IN 30 COUNTRIES ARE INCLUDED AS ANNEXES.

EPAWC1258 DATE: 71-00
ELEMENTARY SOIL AND WATER ENGINEERING
AUTHOR(S): SCHWAB G O FREVERT R K TYPE(S): PM CATEGORIES: T
SOURCE(S): WILEY COST: 13.75 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
WATER RESOURCES HYDROLOGY
REMARKS AND ABSTRACT:
316PP.; 2ND ED.; AUTHORS: T.W. EDMINSTER AND K. K. BARNES.
AN INTRODUCTORY TEXT TO SOIL AND WATER RELATIONSHIPS.

EPAWC1259 DATE: 70-00
SAFE WORK PROCEDURES
AUTHOR(S): WPCF TYPE(S): PM CATEGORIES: O S
SOURCE(S): WPCF COST: 0.15 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
COLLECTION SYSTEMS SAFETY SLUDGE DIGESTION
REMARKS AND ABSTRACT:
THIS PAMPHLET PRESENTS SAFE PROCEDURES RECOMMENDED FOR TWO COMMON TREATMENT PLANT AND COLLECTION SYSTEM OPERATIONS: PREPARATIONS FOR MANHOLE WORK AND ENTERING AND WORKING IN DIGESTERS.

EPAWC126C
ADVANCED WASTEWATER TREATMENT SEMINAR MANUAL DATE: 75-00
AUTHOR(S): CULP G L WESNER G M TYPE(S): PM CATEGORIES: D G T
SOURCE(S): CULP COST: 29.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:

COAGULATION	FILTRATION	ACTIVATED CARBON	AMMONIA
NUTRIENT REMOVAL	CHLORINATION	SLUDGE TREATMENT	TERTIARY TREATMENT
SECONDARY TREATMENT	LAND DISPOSAL	COSTS	PLANT DESIGN
WASTEWATER TREATMENT	BIOLOGICAL TREATMENT	ANAEROBIC DIGESTION	OPERATIONS (WASTEWATER)

REMARKS AND ABSTRACT:
300PP., AUTHOR: R. L. CULP.
PROVIDES A REVIEW OF THE CURRENT STATUS OF THE WASTEWATER TREATMENT FIELD WITH EMPHASIS ON NEW, PRACTICAL DEVELOPMENTS OF VALUE TO A PRACTICING ENGINEER. RESEARCH AND PLANT-SCALE RESULTS ARE PRESENTED FOR MANY PROCESSES, BOTH SECONDARY AND TERTIARY.

EPAWO1261
WATTS REGULATOR CROSS CONNECTION SLIDES DATE: 76-99
AUTHOR(S): WATTS TYPE(S): SL PM CATEGORIES: D O
SOURCE(S): WATTS AWWA COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:

CROSS CONNECTIONS	PIPES

REMARKS AND ABSTRACT:
80 SLIDES, COLOR, 35 MM, SCRIPT (ORDER NO. S213).
PORTRAYS DESCRIPTIONS OF CROSS CONNECTIONS OCCURRING IN WATER TREATMENT PLANTS, INDUSTRIAL AND COMMERCIAL FACILITIES.

EPAWO1262
WATER QUALITY EVALUATION (OUT OF PRINT) DATE: 76-99
AUTHOR(S): TYPE(S): MP CATEGORIES: O
SOURCE(S): CA DWR COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
WATER QUALITY
REMARKS AND ABSTRACT:
16MP

EPAWC1265
POLYELECTROLYTES AIDS TO BETTER WATER QUALITY SEMINAR PROCEEDINGS DATE: 72-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: O T
SOURCE(S): AWWA COST: 5.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:

PUBLIC HEALTH	POLYELECTROLYTES	COAGULATION

REMARKS AND ABSTRACT:
RPT. NO. 20121 PROCEEDINGS OF SEMINAR
COLLECTION OF ARTICLES COVERING THERORY AND USE OF POLYELECTROLYTES IN WATER TREATMENT

EPAWC1266
GETTING THE MOST FROM YOUR WELL SUPPLY SEMINAR PROCEEDINGS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
GROUNDWATER
MAINTENANCE (WATER)
COST: 4.00 P
WATER WELLS
TYPE(S): PM
LEVEL: 2
WATER SUPPLY
DATE: 72-00
CATEGORIES: O O
COPYRIGHT: C
OPERATIONS
REMARKS AND ABSTRACT:
RPT. NO. 20122, PROCEEDINGS OF SEMINAR
NATIONAL GROUNDWATER PROBLEMS
DEVELOPMENT OF GROUND WATER SUPPLY
DESIGN OF WELL SYSTEMS
OPERATION AND MAINTENANCE OF WELL SYSTEMS

EPAWC1267
MINIMIZING AND RECYCLING WATER PLANT SLUDGE SEMINAR PROCEEDINGS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
SLUDGE CHARACTERISTICS
COST: 6.00 P
SLUDGE VOLUME INDEX
TYPE(S): PM
LEVEL: 3
SLUDGE TREATMENT
DATE: 73-00
CATEGORIES: L O
COPYRIGHT: C
MAGNESIUM
REMARKS AND ABSTRACT:
RPT. NO. 20123, SEMINAR PROCEEDINGS
WASTE DISCHARGE STANDARDS
SLUDGE VOLUME REDUCTION METHODS
SLUDGE TREATMENT PROCESSES
MAGNESIUM CARBONATE RECYCLING SYSTEMS

EPAWC1268
DEVELOPING WATER RATES SEMINAR PROCEEDINGS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
WATER RATES
COST: 6.00 P
DECISION MAKING
TYPE(S): PM
LEVEL: 3
COSTS
DATE: 73-05
CATEGORIES: E L P S T
COPYRIGHT: C
REMARKS AND ABSTRACT:
RPT. NO. 20124, 5 PAPERS FROM RATE DEVELOPMENT SEMINAR
REVENUE REQUIREMENTS AND ALLOCATION TO COST COMPONENTS
DISTRIBUTION OF COSTS OF WATER SERVICE TO CUSTOMER CLASSES
DEVELOPMENT AND DESIGN OF WATER RATE SCHEDULES
SPECIAL SERVICE CONSIDERATION AND OTHER RATE PRACTICES

EPAWC1265
GROUNDWATER MANUAL
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
GROUNDWATER
PLANT CONSTRUCTION
MAINTENANCE
COST: 8.50 P
AQUIFERS
FLOW MEASUREMENT
WATER QUALITY
WATER WELLS
PUMPS
TYPE(S): PM
LEVEL: 2
DATE: 73-00
CATEGORIES: O O
COPYRIGHT: C
WASTEWATER TREATMENT DESIGN
OPERATIONS
REMARKS AND ABSTRACT:
M21, RPT. NO. 30021
DEVELOPMENT OF GROUNDWATER SUPPLY
DESIGN AND CONSTRUCTION OF WELL SYSTEMS
OPERATION & MAINTENANCE OF WELL SYSTEMS
WATER QUALITY OF GROUNDWATER SUPPLIES

EPAW0127C
OREGONIANS RESTORE THE WILLAMETTE (OUT OF PRINT) DATE: 76-99
AUTHOR(S): EPA
SOURCE(S): OPA GPO COST: 0.00 TYPE(S): PM CATEGORIES:
LEVEL: COPYRIGHT:
SUBJECT AREAS:
PUBLIC PARTICIPATION
REMARKS AND ABSTRACT:

EPAW01318
PROPER TRAINING AND GOOD SAFETY PRACTICES CAN PREVENT ACCIDENTS IN SEWER MAINTENANCE DATE: 76-99
AUTHOR(S): HOLCOMB A E
SOURCE(S): TX DOH COST: 0.00 R TYPE(S): SL AC CATEGORIES: O
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
SAFETY MAINTENANCE (WASTEWATER) SEWERS
REMARKS AND ABSTRACT:
DESIGNED TO ASSIST MANAGEMENT AND SUPERVISORY PERSONNEL WITH SAFETY AND TRAINING PROCEDURES.

EPAW01325
HANDBOOK FOR MONITORING INDUSTRIAL WASTEWATER DATE: 73-09
AUTHOR(S): EPA
SOURCE(S): EPAI COST: 0.00 P TYPE(S): PM CATEGORIES: M O P S
LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES CHEMICAL ANALYSIS EFFLUENTS DATA EVALUATION
ANALYTICAL TECHNIQUES SAMPLING FLOW MEASUREMENT PROCESS CONTROL
DOMESTIC WASTEWATERS CONVERSION TABLES MANUALS PHYSICAL ANALYSIS
MONITORING
REMARKS AND ABSTRACT:
APPROX. 200PP.
COMPILATION OF REFERENCE INFORMATION FOR MONITORING NEED , PLANNING, SAMPLING, MEASURING AND ANALYSIS. LOGICAL PROCEDURES GIVEN FOR OPERATIONAL PERSONNEL. AUTOMATIC SAMPLING, MEASURING AND ANALYTICAL DEVICES DESCRIBED AND IDENTIFIED. JOINT INDUSTRIAL-MUNICIPAL TREATMENT BRIEFLY COVERED. DETAILED REFERENCE LIST OF EQUIPMENT MANUFACTURERS. BIBLIOGRAPHY.

EPAW01331
BIOLOGICAL FIELD INVESTIGATIVE DATA FOR WATER POLLUTION SURVEYS (OUT OF PRINT) DATE: 76-99
AUTHOR(S): INGRAM MACKENTHUN TYPE(S): PM CATEGORIES:
SOURCE(S): GPO COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
BIOLOGICAL ANALYSIS
REMARKS AND ABSTRACT:
AUTH: BARTSCH

EPAW01332
BIOLOGICAL ASSOCIATED PROBLEMS IN FRESHWATER ENVIRONMENTS THEIR IDENTIFICATION INVESTIGATION AND CONTROL DATE: 76-99
AUTHOR(S): MACKENTHUN INGRAM TYPE(S): PM CATEGORIES:
SOURCE(S): GPO COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
LIMNOLOGY BIOLOGY
REMARKS AND ABSTRACT:
(CUT OF PRINT)

EPAW01336
BASIC WASTEWATER LABORATORY COURSE (OUT OF PRINT) DATE: 76-99
AUTHOR(S): TEXAS A&M TYPE(S): PM CATEGORIES: M
SOURCE(S): TEXAS AM COST: 0.00 LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
232PP.

EPAW01337
RECOMMENDED METHODS FOR WATER DATA ACQUISITION DATE: 72-12
AUTHOR(S): WOODARD USGS TYPE(S): PM CATEGORIES: M
SOURCE(S): USGS COST: 0.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
DATA EVALUATION INFORMATION SYSTEMS WATER CHARACTERISTICS STATISTICAL DATA
REMARKS AND ABSTRACT:
415PP.
DOCUMENTS RESULTS OF INTERAGENCY EFFORTS DURING 1970-72 TO DESIGNATE RECOMMENDED METHODS FOR ACQUISITION OF WATER DATA. THE METHODS REPRESENT THE FINDINGS OF SIX TASK GROUPS ESTABLISHED BY THE FEDERAL INTERAGENCY WORK GROUP ON DESIGNATION OF STANDARDS FOR WATER DATA ACQUISITION. TASK GROUPS COVERED THE FOLLOWING AREAS OF CONCERN: SURFACE-WATER STAGE AND QUANTITY; CHEMICAL (INORGANIC) AND PHYSICAL QUALITY; BIOLOGIC, BACTERIOLOGIC, AND CHEMICAL (ORGANIC) QUALITY; SEDIMENT; GROUNDWATER; AND AUTOMATIC WATER-QUALITY MONITORS.

EPAW01338
CORROSION IN ACTION (OUT OF PRINT) DATE: 76-99
AUTHOR(S): INCO TYPE(S): PM CATEGORIES:
SOURCE(S): INCO COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
CORROSION
REMARKS AND ABSTRACT:

EPAW01341
FISHER MANUAL OF LABORATORY SAFETY DATE: 74-00
AUTHOR(S): FISHER TYPE(S): PM CATEGORIES: E
SOURCE(S): FISHER COST: 0.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
SAFETY FIRST AID FIRES
REMARKS AND ABSTRACT:
63PP.
LISTING AND ILLUSTRATIONS OF SAFETY AND ACCIDENT PROVENTION EQUIPMENT. LABORATORY FIRST AID INSTRUCTIONS. FIRES AND FIRE FIGHTING. A BIBLIOGRAPHY OF REFERENCES REGARDING LABORATORY SAFETY.

EPAW01342

LABCRATORY GLASSWARE SAFETY EDUCATION DATA SHEET
AUTHOR(S): NSC
SOURCE(S): NSC
SUBJECT AREAS:
SAFETY (CHEMICAL)
COST: 0.68 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
(STOCK NO. 429.04-23), 4PP.
GENERAL REVIEW OF LABCRATORY SAFETY.

EPAW01344

EFFECTIVENESS EVALUATION OF OPERATOR TRAINING CONDUCTED UNDER THE PSC PROGRAM
AUTHOR(S): MCLANAHAN J C TEFFT R C
SOURCE(S): EPAI GPO
COST:
TYPE(S): PM
LEVEL: 3
CATEGORIES: O P S
COPYRIGHT:
DATE: 73-03
SUBJECT AREAS:
INSTRUCTION
PLANT PERFORMANCE
COSTS
REMARKS AND ABSTRACT:
67PP.
IN 19 TEXAS PLANTS, RATED FOR SUBSTANDARD PERFORMANCE, AN ESTIMATED $5 MILLION IN CAPITAL DISSIPATION WAS AVOIDED THROUGH A TRAINING PROGRAM FUNDED, AT MAXIMUM ESTIMATE, AT $62,715. TRAINING IMPACT WAS MEASURED IN TERMS OF QUALITY OF PLANT EFFLUENT. INCLUDES DATA EVALUATION TECHNIQUES.

EPAW01352

HOW TO MAKE SERIAL DILUTIONS
AUTHOR(S): AIBS
SOURCE(S): COMM SKILL
COST: 25.00 P
TYPE(S): PM SL FS AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 74-00
SUBJECT AREAS:
BACTERIAL ANALYSIS
REMARKS AND ABSTRACT:
UNIT: 8101, RUNNING TIME: 15 MIN, 25 SL, STUDY GUIDE.
COVERS LABORATORY PROCEDURES USED TO COMPLETE A SERIAL DILUTION USING A SAMPLE TUBE PLUS EIGHT DILUTION TUBES. ILLUSTRATED USE OF TWO SOLUTIONS WITH AN INDICATOR. PREREQUISITES: KNOWLEDGE OF METRIC SYSTEM OF VOLUMES, USE OF PIPETTES, AND RATIO/CONCENTRATION CALCULATIONS.

EPAW01362

HOW TO USE A PLANKTON NET
AUTHOR(S): AIBS
SOURCE(S): COMM SKILL
EDUCATIONAL CHALLENGES
COST: 29.50 P
TYPE(S): PM SL FS AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 74-00
SUBJECT AREAS:
PLANKTON
SAMPLING
REMARKS AND ABSTRACT:
UNIT: 9304, RUNNING TIME: APPROX 10 MIN, 33 SL, STUDY GUIDE.
DESCRIBES USE OF WISCONSIN STYLE PLANKTON NET, BOTH FROM SHORE AND BY BOAT, TO OBTAIN A PLANKTON SAMPLE.

EPAWC1363
HOW TO MEASURE WATER HARDNESS
AUTHOR(S): AIBS
SOURCE(S): COMM SKILL
EDUCATIONAL CHALLENGES
COST: 29.50 P
TYPE(S): PM SL FS AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 74-00
SUBJECT AREAS:
HARDNESS
CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
UNIT: 9305 RUNNING TIME: APPROX 10 MIN, 33 SL, STUDY GUIDE.
DESCRIBES PROCEDURES USED IN MEASUREMENT OF TOTAL HARDNESS, CALCIUM HARDNESS AND MAGNESIUM HARDNESS IN A WATER SAMPLE, IN ADDITION TO THE NECESSARY CALCULATION EQUATIONS. PREREQUISITES: KNOWLEDGE OF METRIC SYSTEM OF VOLUMES AND WEIGHTS, WEIGHING PROCEDURES, USE OF PIPETTES, AND TITRATION PROCEDURES.

EPAW01370
LABORATORY PROCEDURES ANALYSIS FOR WASTEWATER TREATMENT PLANT OPERATORS
AUTHOR(S): WIETTI D
SOURCE(S): NTIS
EPA
COST: 4.85 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 71-06
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
HYDROGEN
SLUDGE CHARACTERISTICS
SUSPENDED MATTER
OXYGEN
REMARKS AND ABSTRACT:
.PB-214-468/11, 98 PP.
WASTEWATER LABORATORY MANUAL FURNISHED BY THE EPA AS AN AID TO THE LABORATORY ANALYST FOR MAKING WASTEWATER ANALYSES. IT IS NOT MEANT TO BE THE ULTIMATE ANSWER FOR THE MOST PRECISE AND ACCURATE TESTS. HOWEVER, THE PROCEDURES CONTAINED HEREIN FOR THE MOST WIDELY USED PARAMETERS IN A TREATMENT PLANT ARE OF THE HIGHEST PRECISION. PRESENTS OVER 40 TESTS SUCH AS FOR OXYGEN, NITROGEN, SLUDGE VOLUME, PH, BACTERIA, ETC.

EPAW01372
PLANNING DEVELOPMENT AND MANAGEMENT OF WASTEWATER TREATMENT FACILITIES TRAINING MANUAL (OUT OF PRINT)
AUTHOR(S): EPA
SOURCE(S): NTIS
COST: 0.00
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
SUBJECT AREAS:
WASTEWATER TREATMENT PLANTS
MANUALS
REMARKS AND ABSTRACT:

EPAWC1373
CHLORINATION OF WASTEWATER
AUTHOR(S): WPCF
SOURCE(S): WPCF
COST:
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O S T
COPYRIGHT: C
DATE: 76-00
SUBJECT AREAS:
CHLORINATION
DISINFECTION
MANUALS
BACTERIA
CHLORINE RESIDUAL
VIRUS
TASTE AND ODOR
CORROSION
REMARKS AND ABSTRACT:
MOP RPT. NO.4; COST: TO BE DETERMINED.
THIS NEW EDITION WILL BE AVAILABLE IN 1976 AND DISCUSSES HISTORY AND CHEMISTRY OF CHLORINATION FOR BACTERIA AND VIRUS CONTROL; ODOR CONTROL; CORROSION CONTROL; AND CHEMICAL OXIDATION. SAFETY AND MAINTENANCE CONSIDERATIONS ARE INCLUDED. PRICE OF THE MANUAL WILL BE ANNOUNCED LATER.

EPAW01382

GUIDELINES TO CAREER DEVELOPMENT FOR WASTEWATER PLANT PERSONNEL

AUTHOR(S): EPA
SOURCE(S): EPAI
SUBJECT AREAS:
JOB ANALYSIS
MANAGEMENT
REMARKS AND ABSTRACT:
100 PP.

COST:
INSTRUCTION
SAFETY

TYPE(S): PM
LEVEL: 3
MAINTENANCE (WASTEWATER)
MATHEMATICS

DATE: 73-09
CATEGORIES: O P S
COPYRIGHT:
RECORD KEEPING
COMMUNICATION

IDENTIFIES MANPOWER REQUIREMENTS BY JOB TYPE AND PLANT CAPACITY; AND PROVIDES OCCUPATIONAL TRAINING REQUIREMENTS BY JOB TYPE. PROVIDES TRAINING MODULE OUTLINES DEFINING COURSE LENGTH, PURPOSE, CONTENT, DESIGN AND EFFECTIVE TRAINING PROCESSES FOR 8 SPECIFIC AREAS (PERSONAL DEVELOPMENT, MATHEMATICS, SCIENCE, RECORD KEEPING, MAINTENANCE, OPERATION, MANAGEMENT). ALSO PROVIDES CATEGORIZATION BY LEVEL OF LEARNING DIFFICULTY. CAREER DEVELOPMENT GRID. BIBLIOGRAPHY.

EPAW01383

PLANNED MAINTENANCE MANAGEMENT SYSTEM FOR MUNICIPAL WASTEWATER TREATMENT PLANTS

AUTHOR(S): EPA
SOURCE(S): EPAI
SUBJECT AREAS:
MAINTENANCE (WASTEWATER)
REMARKS AND ABSTRACT:

SARGENT D H
COST: 1.55 P
PREVENTIVE MAINTENANCE

TYPE(S): PM
LEVEL: 3
RECORD KEEPING

DATE: 73-11
CATEGORIES: O P S
COPYRIGHT:

RPT: EPA-600/2-73-004, 111PP., AUTH: ENVIRO PLAN, INC.
MODEL MAINTENANCE MANAGEMENT PROGRAM (PMMS) SUCCESSFULLY DEMONSTRATED AT FAIRFAX CO, VA. LOWER POTOMAC WASTEWATER TREATMENT PLANT. MAINTENANCE OF COMPLEX EQUIPMENT REDUCED TO SIMPLE PROCEDURES DETAILING METHODS, MATERIALS, TOOLS, PERSONNEL, SCHEDULES AND DATA RECORDING REQUIREMENTS. GLOSSARY, BIBL.

EPAW01394

ESTIMATING COSTS AND MANPOWER REQUIREMENTS FOR CONVENTIONAL WASTEWATER TREATMENT FACILITIES

AUTHOR(S): BLACK AND VEATCH
SOURCE(S): EPAI GPO
SUBJECT AREAS:
PLANT CONSTRUCTION
PERSONNEL
REMARKS AND ABSTRACT:
251PP., AUTH: BANKER R F

PATTERSON W L
COST: 2.00 P
WASTEWATER TREATMENT PLANTS
AERATED PONDS

TYPE(S): PM
LEVEL: 3
STABILIZATION LAGOONS

DATE: 71-10
CATEGORIES: D O P
COPYRIGHT:
COSTS

COST ESTIMATING GUIDELINES COVERING AVERAGE CONSTRUCTION COSTS, OPERATION AND MAINTENANCE COSTS, AND MANPOWER REQUIREMENTS FOR CONVENTIONAL WASTEWATER TREATMENT PLANTS (1 TO 100 MILLION GAL PER DAY CAPACITY), AND FOR STABILIZATION PONDS (0.1 10 MILLION GALS PER DAY CAPACITY). ESTIMATED AVERAGE CONSTRUCTION COSTS AND OPERATION/MAINTENANCE [illegible]LATED GRAPHICALLY. OCCUPATIONAL DESCRIPTIONS FOR 24 JOB TITLES (IN ACCORDANCE WITH STANDARDS IN THE [illegible]RY OF OCCUPATIONAL TITLES'.

EPAW01385

APPLICATION OF SELECTED INDUSTRIAL ENGINEERING TECHNIQUES TO WASTEWATER TREATMENT PLANTS

AUTHOR(S): EPA ORM MALLORY C W
SOURCE(S): EPA1 GPO COST: 2.60 P
TYPE(S): PM LEVEL: 3
CATEGORIES: O P S
COPYRIGHT:
DATE: 73-02

SUBJECT AREAS:
PROCESS CONTROL
WASTEWATER TREATMENT PLANTS
MAINTENANCE

REMARKS AND ABSTRACT:
EPA-R2-73-176, 226PP, AUTH: WALLER R
DESCRIBES SYSTEM ANALYSIS TECHNIQUES TO IMPROVE QUALITY CONTROL, RELIABILITY AND MAINTAINABILITY OF WASTEWATER TREATMENT PLANTS USING INDUSTRIAL ENGINEERING CONCEPTS. CASE STUDY OF FLINT, MICH. PLANT.

EPAW01386

GUIDE TO THE PREPARATION OF OPERATIONAL PLANS FOR SEWAGE TREATMENT FACILITIES

AUTHOR(S): SEILER E L ALTMAN J W
SOURCE(S): EPA1 COST: 2.60 P
TYPE(S): PM LEVEL: 3
CATEGORIES: O P S
COPYRIGHT:
DATE: 73-07

SUBJECT AREAS:
WASTEWATER TREATMENT PLANTS
OPERATIONS
WASTEWATER TREATMENT DESIGN
STARTUP
JOB ANALYSIS
PROCESS CONTROL
RECORD KEEPING
PLANT PERFORMANCE

REMARKS AND ABSTRACT:
RPT: EPA-R2-73-263, 212PP.
GUIDES PLANNING PHASE OF TREATMENT PLANT DESIGN AND STARTUP TO ENSURE COST EFFECTIVE OPERATION. HEAVY EMPHASIS ON UTILIZATION OF INFORMATIONAL AND TRAINING AIDS (MANUALS, CHECKLISTS, REFERENCE MATERIAL, TASK SCHEDULES, OPERATING RECORDS, JOB DESCRIPTION, ETC.).

EPAW01387

MAINTENANCE MANAGEMENT SYSTEMS FOR MUNICIPAL WASTEWATER FACILITIES

AUTHOR(S): EPA WPO JENNINGS J J
SOURCE(S): EPA1 GPO COST: 1.60 P
TYPE(S): PM LEVEL: 2
CATEGORIES: O S
COPYRIGHT:
DATE: 73-10

SUBJECT AREAS:
MAINTENANCE (WASTEWATER)
BUDGET AND ACCOUNTING
MANUALS
EQUIPMENT (PLANT)
RECORD KEEPING

REMARKS AND ABSTRACT:
RPT: EPA-430/9-74-004, 118PP., AUTH: PAGE G L
PROVIDES GUIDELINES TO PLANT MANAGEMENT IN SELECTING, INSTITUTION AND EVALUATING VARIOUS MAINTENANCE MANAGEMENT SYSTEMS (INCLUDING POLICIES, PLANS, PROCEDURES). CAN BE USED AS MANUAL WRITING GUIDE. THE REPORT 'FEDERAL GUIDELINES FOR DESIGN, OPERATION AND MAINTENANCE OF WASTEWATER TREATMENT FACILITIES', 1970 USED AS PRIMARY INFORMATION SOURCE ARE INCLUDED AS APPENDIX. EXAMPLES FOR SMALL, MEDIUM, LARGE FACILITIES. SAMPLE FORMS. BIBLIOGRAPHY.

EPAW01390

MANPOWER REQUIREMENTS FOR WASTEWATER COLLECTION SYSTEMS IN CITIES AND TOWNS UP TO 150,000 IN POPULATION

AUTHOR(S): EPA WPO NC A&T STATE UNIV
SOURCE(S): EPA1 COST:
TYPE(S): PM LEVEL: 3
CATEGORIES: O P S
COPYRIGHT:
DATE: 73-06

SUBJECT AREAS:
PERSONNEL
JOB ANALYSIS

REMARKS AND ABSTRACT:
119PP.
IDENTIFIES 11 IMPORTANT VARIABLES AFFECTING MANPOWER REQUIREMENTS (EG. AGE OF SYSTEM, SIZE, BUDGET, TOPOGRAPHY, ETC.) AND GIVES DETAILED OCCUPATIONAL DESCRIPTIONS (INCLUDING OCCUPATIONAL DEFINITION, MAIN DUTIES, WORKING CONDITIONS, PHYSICAL DEMANDS, BEHAVIORAL AND PSYCHOLOGICAL TRAITS, ETC) REQUIRED FOR EACH JOB TYPE. COVERS TYPICAL ORGANIZATION CHARTS WITH EXAMPLES; CONTAINS OVERVIEW OF OPERATIONS AND MAINTENANCE. GLOSSARY, BIBLIOGRAPHY.

EPAWC1391

MANPOWER AND TRAINING NEEDS OF STATE WATER POLLUTION CONTROL AGENCIES
AUTHOR(S): ABT ASSOC INC
SOURCE(S): EPAI
SUBJECT AREAS:
ADMINISTRATIVE AGENCIES
COST:
PERSONNEL
TYPE(S): PM
LEVEL: 3
JOB ANALYSIS
CATEGORIES: P
COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
119 PP
ASSISTS STATE WATER POLLUTION CONTROL AGENCIES TO ASSESS THE MANPOWER IMPACT OF THE 1972 WATER ACT AMENDMENTS; SPECIFICALLY, EXPANDED PERSONNEL, AND NECESSARY TRAINING AND RETRAINING REQUIREMENTS. MANPOWER ESTIMATES BASED ON DEFINITION OF WORK AND FUNCTIONS, WORKLOAD ANALYSIS, STAFFING PATTERNS, ETC. TRAINING NEEDS OUTLINED ACCORDING TO FUNCTION, OCCUPATIONAL TITLE, TRAINING REQUIREMENT (SUBJECT AREA) AND FREQUENCY/DURATION.

EPAW01392

ESTIMATING STAFFING FOR MUNICIPAL WASTEWATER TREATMENT FACILITIES
AUTHOR(S): EPA WPO
SOURCE(S): EPAI GPO
SUBJECT AREAS:
WASTEWATER TREATMENT PLANTS
COST: 1.25 P
JOB ANALYSIS
TYPE(S): PM
LEVEL: 3
STATISTICAL DATA
CATEGORIES: D O P
COPYRIGHT:
PERSONNEL
DATE: 73-03
REMARKS AND ABSTRACT:
APPROX 100 PP
STAFFING GRAPHS OUTLINE ANNUAL MANHOURS REQUIRED FOR VARYING CAPACITY PLANTS BY TYPE TREATMENT PROCESS USED; ALSO COVERS SUPERVISION, CLERICAL, LABORATORY AND YARDWORK MANPOWER REQUIREMENTS. TECHNIQUES DISCUSSED FOR ANALYZING WORKLOAD, DEVELOPING ADJUSTMENT FACTORS (DEVIATION FROM 'AVERAGE' PLANT) AND ARRANGING MANHOURS INTO SPECIFIC JOBS.

EPAW01393

CONSIDERATIONS FOR PREPARATION OF OPERATION AND MAINTENANCE MANUALS
AUTHOR(S): EPA WPO
GREEN R L
SOURCE(S): EPAI GPO
SUBJECT AREAS:
MANUALS
WASTEWATER TREATMENT PLANTS
SLUDGE TREATMENT
COST: 2.85 P
MAINTENANCE
PERMITS
SAFETY
TYPE(S): PM
LEVEL: 3
DOMESTIC WASTEWATERS
ELECTRIC POWER
EMERGENCY OPERATIONS
CATEGORIES: D O S
COPYRIGHT:
TECHNICAL WRITING
EQUIPMENT (PLANT)
RECORD KEEPING
DATE: 73-00
REMARKS AND ABSTRACT:
RPT: EPA-430/9-74-001, 239PP., AUTH: PAGE G L , JOHNSON W H
ASSISTS COMPLIANCE WITH ELIGIBILITY REQUIREMENTS OF THE EPA CONSTRUCTION GRANT PROGRAM (40 CFR, PART 35, SECT 35.935-12 AND AMENDMENTS) FOR MUNICIPAL WASTEWATER TREATMENT PLANTS. PROVIDES A FLEXIBLE NATIONAL FORMAT. A SAMPLE MANUAL OUTLINE PREPARED FOR TREATMENT PLANTS, AND FOR PUMPING STATIONS/PIPELINES. DETAILED INFORMATIONAL REQUIREMENTS GIVEN FOR ALL ASPECTS OF OPERATION AND MAINTENANCE. EXAMPLES. BIBL.

EPAW01395

START UP OF MUNICIPAL WASTEWATER TREATMENT FACILITIES
AUTHOR(S): EPA WPO
SOURCE(S): EPAI GPO
SUBJECT AREAS:
DOMESTIC WASTEWATERS
SECONDARY TREATMENT
CHEMICAL TREATMENT
COST: 1.40 P
WASTEWATER TREATMENT PLANTS
SLUDGE TREATMENT
PHYSICAL TREATMENT
TYPE(S): PM
LEVEL: 2
STARTUP
CHLORINATION
OPERATIONS
CATEGORIES: O
COPYRIGHT:
PRIMARY TREATMENT
BIOLOGICAL TREATMENT
DATE: 73-12
REMARKS AND ABSTRACT:
RPT: EPA-430/9-74-008, 92PP.
STARTUP PROCEDURES DESCRIBED AND AUGMENTED WITH CHECKLISTS FOR EACH TREATMENT PROCESS (EG. SCREENING, TRICKLING FILTERS, DIGESTION, DISPOSAL, ETC.). APPENDICES CONTAIN LIST OF EPA MANUALS ASSOCIATED WITH OPERATION AND MAINTENANCE TREATMENT PLANTS. GLOSSARY, BIBLIOGRAPHY.

EPAW01396
EMERGENCY PLANNING FOR MUNICIPAL WASTEWATER TREATMENT FACILITIES DATE: 74-02
AUTHOR(S): EPA WPO TYPE(S): PM CATEGORIES: O P S
SOURCE(S): EPAI GPO COST: 1.25 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
EMERGENCY OPERATIONS (WASTE) WASTEWATER TREATMENT PLANTS DISASTERS PREVENTIVE MAINTENANCE
POWER LOSS
REMARKS AND ABSTRACT:
RPT: EPA-430/9-74-013, 78PP.
"FEW MUNICIPAL WASTEWATER TREATMENT SYSTEMS CURRENTLY HAVE FORMAL EMERGENCY OPERATING PLANS". REPORT COVERS CAUSES AND IMPACTS OF MANMADE AND NATURAL DISASTERS, AND APPROPRIATE RESPONSE. EMPHASIS ON IMPLEMENTING PROTECTIVE MEASURES, AND DEVELOPING A RESPONSE PROGRAM (OUTLINING TREATMENT SYSTEM, EMERGENCY AND CHECKLIST RESPONSE). CHECKLIST GIVEN FOR COMPLYING WITH EPA CONSTRUCTION GRANTS REQUIREMENTS FOR O & M MANUAL CHAPTER ON EMERGENCY OPERATIONS.

EPAW01397
ASPECTS OF STATE WIDE EMERGENCY RESPONSE PROGRAMS FOR MUNICIPAL WASTEWATER TREATMENT FACILITIES DATE: 74-03
AUTHOR(S): EPA WPO TYPE(S): PM CATEGORIES: L M O P S
SOURCE(S): EPAI GPO COST: 1.25 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
EMERGENCY RESPONSE PROGRAMS LAWS AND REGULATIONS WASTEWATER TREATMENT PLANTS ADMINISTRATIVE AGENCIES
SPILLS (CHEMICAL) SPILLS (OIL)
REMARKS AND ABSTRACT:
RPT: EPA 430/9-74-014, 74PP.
EMPHASIZES A COORDINATED STATE RESPONSE TO SPILLS REQUIRING AN ORGANIZED RESPONSE (STRIKE FORCES, SAMPLING TEAMS, ETC) RESPONSE CENTER FACILITIES, REPORTING SYSTEMS, AND COST RECOVERY REQUIREMENTS. PERTINENT FEDERAL AND STATE STATUTES AND REGULATIONS CITED AND EXTRACTED. AMPLE USE OF SPECIFIC EXAMPLES EXTRACTED FROM STATE RESPONSE PROGRAMS. INCLUDES SAMPLE EMERGENCY RESPONSE PAMPHLET, VARIOUS FORMS, BIBL.

EPAW01399
SAFETY EVERYBODYS BUSINESS (OUT OF PRINT) DATE: 76-99
AUTHOR(S): AETNA TYPE(S): MP VC CATEGORIES:
SOURCE(S): AETNA COST: 0.00 LEVEL: COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM FILM, 3/4 INCH VIDEO TAPE CASSETTE.

EPAW01401
WASTEWATER RECLAMATION DATE: 76-99
AUTHOR(S): ZIMPRO TYPE(S): MP CATEGORIES: E D T
SOURCE(S): ZIMPRO COST: 0.00 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
DOMESTIC WASTEWATERS TERTIARY TREATMENT ACTIVATED CARBON
REMARKS AND ABSTRACT:
16MM., 12 MIN., COLOR.
POWDERED ACTIVATED CARBON, CARBON REGENERATION BY WET AIR OXIDATION, DESCRIBED IN FULL-SCALE PILOT TEST OF TERTIARY-LEVEL, BIO-PHYSICAL TREATMENT SCHEME. INCLUDES RESULTS.

EPAW01402
OPERATION OF THERMAL SLUDGE CONDITIONING UNIT
AUTHOR(S): ZIMPRO
SOURCE(S): ZIMPRO
SUBJECT AREAS:
SLUDGE CONDITIONING
REMARKS AND ABSTRACT:
15 MIN.
DESCRIBES OPERATION OF TYPICAL SLUDGE CONDITIONING UNIT, WHICH EMPLOYS WET AIR OXIDATION.
COST: 0.00 R
TYPE(S): SL AC
LEVEL: 1
CATEGORIES: E O
COPYRIGHT:
DATE: 76-99

EPAW01403
EYE AND FACE PROTECTION IN CHEMICAL LABORATORIES
AUTHOR(S): QUAM G N
SOURCE(S): FEIL
SUBJECT AREAS:
SAFETY
CHEMICALS
REMARKS AND ABSTRACT:
16MM., 22 MIN., COLOR, SOUND; PURCHASE PRICE: $150.00.
BASED ON SAFETY-SHIELDING INVESTIGATIONS AND RESEARCH, AND USES SLOW MOTION TECHNIQUES TO DEMONSTRATE THE VIOLENCE OF CHEMICAL EXPLOSIONS AND IMPLOSIONS AND THEIR POTENTIAL CAPACITY TO CAUSE INJURY AND PROPERTY DAMAGE. SHOWS HOW THE CHEMISTRY LABORATORY CAN BE MADE A SAFE PLACE TO WORK.
COST: 17.50 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW01404
WASTEWATER MANAGEMENT A GUIDE TO INFORMATION SOURCES
AUTHOR(S): TCHOBANOGLOUS G SMITH R
SOURCE(S): GALE
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES WASTEWATER TREATMENT PLANTS ECONOMICS LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
AUTHOR: R. CRITES
A SELECTIVE, ANNOTATED BIBLIOGRAPHY WHICH CONSOLIDATES THE LITERATURE IN THE FIELD. INCLUDES ASPECTS OF WASTEWATER MANAGEMENT; ENGINEERING OF WASTEWATER COLLECTION, TREATMENT, DISPOSAL, AND REUSE SYSTEMS; ECONOMIC ANALYSIS AND PLANNING OF SUCH SYSTEMS; AND THE LEGISLATION AFFECTING THE IMPLEMENTATION OF THESE SYSTEMS.
COST: 18.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 76-00

EPAW01405
PHYCOVIRUSES BIBLIOGRAPHY
AUTHOR(S): SAFFERMAN R S MORRIS M E
SOURCE(S): EPA2
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES VIRUS ALGAE
REMARKS AND ABSTRACT:
LISTS MANY STUDIES ON THE USE OF VIRUSES AS A BIOLOGICAL CONTROL OF ALGAE.
COST: 0.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 76-00

EPAWC1410

FIRST YOU CARE
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
PHYSICAL TREATMENT
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
DATE: 76-99
COST: 0.00 R
TYPE(S): MP
LEVEL: 0
CATEGORIES: E M P
COPYRIGHT:
WASTEWATER TREATMENT
MONITORING
TRICKLING FILTERS
ENVIRONMENTAL CONTROL

16MM, 14 MIN., COLOR; FRENCH VERSION "ALERTE " ALSO AVAILABLE.
SHOWS WHAT CANADIAN INDUSTRIES LIMITED IS DOING TO ENSURE THAT ITS PLANTS DO NOT CONTAMINATE THE AIR AND WATER. TO CHECK ON THE PURITY OF THE AIR, MONITORING STATIONS ARE SET UP AROUND THE COUNTRYSIDE. AND TO PREVENT POLLUTION OF THE LAKES, SAMPLES ARE TAKEN OF TINY ANIMALS LIVING AT THE BOTTOM OF THE LAKE. AN ELECTRONIC COMPUTER TABULATES THE DATA THAT IS GATHERED, AND THE RESULTS INDICATE THE EFFICIENCY OF THE ANTI-POLLUTION SAFEGUARDS. A NEW SYSTEM FOR TREATING SEWAGE USING "FLOCOR" POLYVINYL MODULES IS ALSO ILLUSTRATED.

EPAWC1413

HOW TO MEASURE DISSOLVED OXYGEN CONTENT OF WATER
AUTHOR(S): AIBS
SOURCE(S): COMM SKILL
SUBJECT AREAS:
DISSOLVED OXYGEN
REMARKS AND ABSTRACT:
DATE: 74-00
COST: 29.50 P
TYPE(S): PM SL FS AC
LEVEL: 2
CATEGORIES: M
COPYRIGHT:

UNIT: 8101, RUNNING TIME: APPROX 15 MIN, 41 SL, STUDY GUIDE.
DEMONSTRATES WINKLER TITRATION METHOD (INCLUDING EQUATIONS NECESSARY FOR PROPER CALCULATION), AND USE OF OXYGEN PROBE METER FOR MEASUREMENT OF DO. PREREQUISITES: UNDERSTANDING OF METRIC SYSTEM, WEIGHING TECHNIQUES, AND TITRATION PROCEDURES USING A BURETTE.

EPAWC1414

HOW TO GROW AND COUNT MICROORGANISMS ON MEMBRANE FILTERS
AUTHOR(S): AIBS
BUTTERWORTH T M
SOURCE(S): COMM SKILL
SUBJECT AREAS:
MEMBRANE FILTRATION
REMARKS AND ABSTRACT:
DATE: 74-00
COST: 29.50 P
TYPE(S): PM SL FS AC
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
MICROBIOLOGY
BACTERIAL ANALYSIS

UNIT: 8615, RUNNING TIME: APPROX 10 MIN, 28 SL, STUDY GUIDE.
DETAILS LABORATORY PROCEDURES USED IN GROWING MICROORGANISMS THAT HAVE BEEN COLLECTED ON MEMBRANE FILTERS, COUNT THE NUMBER OF COLONIES THAT DEVELOP ON THE FILTER, AND CALCULATE THE NUMBER OF MICROORGANISMS IN 1 MILLILITER OR 100 MILLIMETERS OF THE SAMPLE FILTERED OR AN ORIGINAL UNDILUTED SOURCE. PREREQUISITE: KNOWLEDGE OF ASEPTIC TECHNIQUES, USE OF MEASURING PIPETTE, DISSECTION MICROSCOPE, AND MEMBRANE FILTRATION UNIT; AND ABILITY TO RECOGNIZE BACTERIAL COLONIES ON A SURFACE.

EPAW01416
WASTE THE PENALTY OF AFFLUENCE
AUTHOR(S): CONDOR FILMS
SOURCE(S): FILM BUR
SUBJECT AREAS:
WASTEWATER DISPOSAL
REMARKS AND ABSTRACT:
COST: 15.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E P
COPYRIGHT:
DATE: 72-10
WATER REUSE
16MM, 18 MIN., COLOR, SALE $220
OUTLINES THE ENVIRONMENTAL HAZARDS OF IMPROPER WASTE DISPOSAL. SHOWS MEANS OF CONVERTING WASTE INTO NEW RAW RESOURCES: THE SALVAGING OF SCRAP METAL, THE REGENERATION OF USED OILS, AND PRODUCTION OF FODDER FROM ANIMAL WASTES. THE NEED FOR REGIONAL PLANNING AND COORDINATION IS ALSO EMPHASIZED.

EPAW01417
POND
AUTHOR(S): FILM BUR
SOURCE(S): FILM BUR
SUBJECT AREAS:
LAKES
REMARKS AND ABSTRACT:
BLOUGH G O
COST: 15.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: E
COPYRIGHT: C
DATE: 61-02
ECOSYSTEMS
16MM, 20 MIN., COLOR, SALE $225
A COMMUNITY OF LIVING THINGS IS EXAMINED, EACH DEPENDENT ON EACH OTHER.

EPAW01418
WORK OF WIND AND RUNNING WATER
AUTHOR(S): NAMOWITZ S
SOURCE(S): WILEY
SUBJECT AREAS:
HYDROLOGY
REMARKS AND ABSTRACT:
COST: 50.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
DATE: 70-00
16MM, 19 MIN., COLOR; PURCHASE PRICE: $220.00.
WINNER OF THE CHRIS AWARD PRESENTED BY THE FILM COUNCIL OF GREATER COLUMBUS. EXPLAINS AND ILLUSTRATES THE PROCESSES INVOLVED IN THE GEOLOGIC WORK OF WIND AND RUNNING WATER AND THEIR EFFECTS ON LANDFORMS.

EPAW01419
PH AND P ION CONTROL IN PROCESS AND WASTE STREAMS
AUTHOR(S): SHINSKEY F G
SOURCE(S): WILEY
SUBJECT AREAS:
PH
CYANIDE
REMARKS AND ABSTRACT:
COST: 21.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 73-00
PROCESS CONTROL
MERCURY
HAZARDOUS POLLUTANTS
PHOSPHATES
(ORDER NO 0 471 78640-3), 259 PP.
WRITTEN FOR ENGINEERS WHO MUST SPAN SEVERAL SEPARATE SCIENTIFIC DISCIPLINES IN DESIGNING AND OPERATING A WASTE-TREATMENT FACILITY. USES A SELF-TEACHING FORMAT TO COVER MEASUREMENT, APPLICATION, AND CONTROL. GIVES SPECIAL EMPHASIS TO THE NEUTRALIZATION OF STRON ACIDS AND BASES, AND COVERS MORE TOXIC BUT LESS COMMON POLLUTANTS SUCH AS CYANIDE, CHROMATE, MERCURY, AND PHOSPHATES.

EPAWC142C

ANALYSIS OF INDUSTRIAL WASTEWATERS
AUTHOR(S): MARCY K H WEBER W J
SOURCE(S): WILEY
COST: 9.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT:
DATE: 72-00
SUBJECT AREAS:
ANALYTICAL TECHNIQUES HEAVY METALS INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
(ORDER NO 0 471 56640-3), 150 PP, REPRINTED FROM "TREATISE ON ANALYTICAL CHEMISTRY", PART III, VOLUME 2.
A GUIDE TO THE VARIOUS CHEMICAL PROCEDURES FOR ANALYZING INDUSTRIAL WASTEWATERS, WITH METHODOLOGY APPLICABLE TO THE ANALYSIS OF ALL KINDS OF WATERS.

EPAW01421

PRINCIPLES AND APPLICATIONS OF WATER CHEMISTRY
AUTHOR(S): FAUST S D HUNTER J V
SOURCE(S): WILEY
COST: 21.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T M
COPYRIGHT:
DATE: 67-00
SUBJECT AREAS:
CHEMISTRY
REMARKS AND ABSTRACT:
643PP.
PROCEEDINGS OF A CONFERENCE ON VARIOUS TOPICS OF WATER CHEMISTRY HELD AT RUTGERS UNIVERSITY.

EPAW01422

AQUEOLS WASTES FROM PETROLEUM AND PETROCHEMICAL PLANTS
AUTHOR(S): BEYCHOK M R
SOURCE(S): WILEY
COST: 18.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: O T
COPYRIGHT: C
DATE: 67-00
SUBJECT AREAS:
INDUSTRIAL WASTES FUELS SPILLS (OIL) WASTEWATER TREATMENT DESIGN
REMARKS AND ABSTRACT:
370PP.
WRITTEN FOR ALL ENGINEERS CONCERNED IN THE PLANNING, DESIGN, AND OPERATION OF PROCESSES INVOLVING AQUEOUS WASTE. DEVELOPS AND PRESENTS ALL THE NECESSARY DATA CONCERNING ADEQUATE AND ECONOMICAL WASTE TREATMENT DESIGN AND FACILITIES.

EPAW01424

DETERIORATION OF WATER
AUTHOR(S): AMS
SOURCE(S): LCA
COST: 20.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: E
COPYRIGHT:
DATE: 74-00
SUBJECT AREAS:
WATER QUALITY ENVIRONMENTAL CONTROL HYDROLOGY
REMARKS AND ABSTRACT:
16MM, 20 MIN., COLOR; PURCHASE PRICE: $245.00.
THIS FILM BEGINS BY DESCRIBING THE RELATIVE ABUNDANCE OF WATER AND ITS IMPORTANCE IN MAINTAINING LIFE, ITS PROPERTIES, AND HOW IT CARRIES MATERIALS. POLLUTION IS DEFINED, AND SOME METHODS OF PURIFYING WATER SHOWN. THE HYDROLOGIC CYCLE THE CYCLE OF DECAY, AND EUTROPHICATION ARE SHOWN, AND EXPLAINED FULLY. MAN'S INFLUENCE ON THESE PROCESSES AND THE VARIOUS POLLUTANTS INVOLVED ARE DISPLAYED. THE ROLE OF THE MARINE BIOLOGIST AND HIS METHODS FOR MONITORING WATER QUALITY FOLLOW, WITH THERMAL POLLUTION AND SEWAGE TREATMENT ALSO CONSIDERED. THE LATEST METHODS & IDEAS ARE EXPLAINED.

EPAWC1425
HOW TO PLAN AN ENVIRONMENTAL CONFERENCE DATE: 71-00
AUTHOR(S): LWV TYPE(S): PM CATEGORIES: E P
SOURCE(S): LWV COST: 0.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
PUBLIC PARTICIPATION PLANNING INSTRUCTION PUBLIC RELATIONS
REMARKS AND ABSTRACT:
48PP. FUNDED BY EPA TECHNICAL TRAINING GRANT PUB. NO.695
HOW TO BRING DIVERSE GROUPS OF CITIZENS TOGETHER FOR A CONSTRUCTIVE SEMINAR ON AN ENVIRONMENTAL ISSUE. STEP-BY-STEP HINTS ON PLANNING, FINANCING, PUBLICIZING, CONDUCTING AND FOLLOWING-UP A CONFERENCE. INCLUDES DETAILED INFORMATION ON CHOOSING PARTICIPANTS, MAKING ARRANGEMENTS, ORGANZING THE PROGRAM, AND FOLLOWING-UP.

EPAWC1426
TREATMENT AND DISPOSAL OF WASTEWATER SLUDGES DATE: 74-00
AUTHOR(S): WESILIND P A ANN ARBOR TYPE(S): PM CATEGORIES: T O
SOURCE(S): ANN ARBOR COST: 15.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SLUDGE TREATMENT SLUDGE DISPOSAL WASTEWATER TREATMENT DESIGN SLUDGE DEWATERING
SLUDGE THICKENING SLUDGE CONDITIONING
REMARKS AND ABSTRACT:
263 PP, 80 FIGURES.
ORGANIZED FOR USE BY BOTH THE STUDENT AND PRACTICING ENGINEER, IT IS A BASIC REFERENCE ON THIS SUBJECT.
USEFUL AS A SUPPLEMENTAL TEXT FOR DESIGN AND/OR PROCESS COURSES IN WASTEWATER TREATMENT.
IT IS THE FIRST DESIGN-ORIENTED BOOK ON THE SUBJECT OF SOLIDS TREATMENT AND DISPOSAL.
CONTAINS EXAMPLE CALCULATIONS BUT NO CLASS PROBLEMS.
DATA SUCH AS PROCEDURES FOR CONDUCTING LABORATORY TESTS ARE INCLUDED IN THE APPENDIX.

EPAWC1427
COMPREHENSIVE MANAGEMENT OF PHOSPHORUS WATER POLLUTION DATE: 75-00
AUTHOR(S): PORCELLA D B BISHOP A B TYPE(S): PM CATEGORIES: D O T
SOURCE(S): ANN ARBOR COST: 20.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
EUTROPHICATION PHOSPHOROUS
REMARKS AND ABSTRACT:
275 PP.
STUDIED APPROACH TO ENVIRONMENTAL MANAGEMENT THROUGH ANALYSIS AND CASE STUDIES OF PHOSPHORUS WATER POLLUTION/ EUTROPHICATION. INCLUDES SOCIO-ECONOMIC AND TECHNICAL FACTORS APPLICABLE TO RIVER BASINS AND MARINE COASTAL WATERS. DISCUSSES PHOSPHORUS USES, SOURCES, TREATMENT, COST RELATIONSHIPS AND MANAGEMENT SCHEMES TO HELP ASSESS CONTROL STRATEGIES. DESCRIBES PHOSPHORUS MASS FLOW DIAGRAM AND INPUT/OUTPUT FOR PHOSPHORUS MASS FLOW DIAGRAM.
USEFUL TO RESOURCE PLANNERS, MANAGERS, ENVIRONMENTAL ENGINEERS AND BIOLOGISTS.

EPAW01428

AQUEOUS ENVIRONMENTAL CHEMISTRY OF METALS
AUTHOR(S): RUBIN A J
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
CHEMISTRY
ALUMINUM
TRACE METALS
IRON
ENVIRONMENTAL CONTROL
LEAD
CADMIUM
REMARKS AND ABSTRACT:
ANN ARBOR
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O P T
COPYRIGHT: C
DATE: 74-00
392 PP, 103 FIGURES, 9 TABLES, 469 REFERENCES.
COVERS TRACE METALS -- DISTRIBUTION IN NATURE, KINETICS AND EQUILIBRIUM WITH SOLID PHASES; CHEMICAL IMPLICATIONS IN REMOVAL. DEALS WITH METALS OF ENVIRONMENTAL INTEREST SUCH AS CADMIUM, MERCURY, ALUMINUM, IRON, LEAD.
USEFUL TO SANITARY AND ENVIRONMENTAL ENGINEERS, LIMNOLOGISTS, AQUATIC BIOLOGISTS, ANALYTICAL CHEMISTS, MICROBIOLOGISTS. OF VALUE TO ORGANIC AND INORGANIC CHEMISTS, PHYSICAL CHEMISTS, SOIL SCIENTISTS, ECOLOGISTS, GEOLOGISTS, GEOCHEMISTS.

EPAW01429

ATOMIC SPECTROMETRIC ANALYSIS OF HEAVY METAL POLLUTANTS IN WATER
AUTHOR(S): BURRELL D C
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY)
ATOMIC ABSORPTION
HEAVY METALS
REMARKS AND ABSTRACT:
ANN ARBOR
COST: 24.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O P T
COPYRIGHT: C
DATE: 74-05
334 PP, 64 FIGURES, 58 TABLES.
DESCRIBES TRACE METAL DISTRIBUTION, SAMPLING, PRE-ANALYSIS TREATMENTS AND ATOMIC ABSORPTION TECHNIQUES.
EMPHASIZES INTERRELATIONSHIPS OF ABSORPTION, FLUORESCENCE AND EMISSION TECHNIQUES.
DISCUSSES FLAME AND NON-FLAME ATOMIZATION.
USEFULE TO TRACE METAL ANALYTICAL CHEMISTS, UNIVERSITY AND INDUSTRIAL RESEARCHERS, LIMNOLOGICAL AND OCEANOGRAPHIC SCIENTISTS. DISCUSSIONS ON DISTRIBUTIONS OF METALS IN THE HYDROSPHERE, SAMPLING & PREANALYSIS PREP TECHNIQUES INCLUDED.

EPAWC1430

POLLUTION AND THE USE OF CHEMICALS IN AGRICULTURE
AUTHOR(S): IRVINE E G
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
HAZARDOUS POLLUTANTS
LAWS AND REGULATIONS
CHEMICALS
AGROCHEMICALS
REMARKS AND ABSTRACT:
KNIGHTS B
COST: 14.50 a
TYPE(S): PM
LEVEL: 3
CATEGORIES: T L
COPYRIGHT:
DATE: 74-03
136 PP, TABLE AND FIGURES.
FIRST THREE CHAPTERS COVER THE NEED FOR AGROCHEMICALS AND THE WAY IN WHICH PESTICIDES, FUNGICIDES AND HERBICIDES ACT IN CONTROLLING THE PARTICULAR PEST INVOLVED. FOUR CHAPTERS THEN DISCUSS THE EFFECTS OF AGROCHEMICALS ON NON-TARGET ANIMALS, INCLUDING MAN, AND THE ENVIRONMENT IN GENERAL WITH REFERENCE TO THE ACTUAL AMOUNTS OF CHEMICALS APPLIED.

DATE: 74-01

EPAW01431
GROUND WATER POLLUTION
AUTHOR(S): SUMMERS W K
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
GROUNDWATER
SPIEGEL Z
COST: 10.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E
COPYRIGHT: C
INDEXES AND BIBLIOGRAPHIES
HEAVY METALS
WASTEWATER TREATMENT
REMARKS AND ABSTRACT:
400 ENTRIES
COMPREHENSIVE BIBLIOGRAPHY FOR MAN'S IMPACT ON GROUND WATER RESOURCES.
COVERS NITRATES, HEAVY METALS, INDUSTRIAL WASTES, PESTICIDES, HERBICIDES, ORGANIC WASTES, URBANIZATION, PETROLEUM.
ALSO COVERS MICROORGANISMS, LIQUID WASTE, SEWAGE DISPOSAL, LIMESTONE TERRANE, ANIMAL WASTES, FERTILIZERS,
INCLUDES ABSTRACTS ON GEOLOGIC, HYDROLOGIC AND LEGAL ASPECTS, GENERAL ARTICLES, CASE HISTORIES AND SOLID WASTE DISPOSAL.
FOR GEOLOGISTS, HYDROLOGISTS, SANITARY AND ENVIRONMENTAL ENGINEERS AND ECOLOGISTS.

DATE: 75-09

EPAW01432
DISINFECTION OF WATER AND WASTEWATER
AUTHOR(S): JOHNSON J D
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
DISINFECTION
ANN ARBOR
COST: 27.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M O P S T
COPYRIGHT: C
REMARKS AND ABSTRACT:
418 PP, 102 FIGURES, 75 TABLES.
COVERS ANALYTICAL, PHYSICAL AND CHEMICAL BASIS OF WATER AND WASTEWATER DISINFECTION.
SHOWS HOW COMPETITION BETWEEN THE CHEMICAL, PHYSICAL AND MICROBIOLOGICAL PROCESSES RESULT IN DISINFECTION EFFICIENCY.
FOR SANITARY ENGINEERS, ENVIRONMENTAL BIOLOGISTS, AND WATER AND WASTEWATER TREATMENT OPERATORS.

DATE: 74-10

EPAW01446
SURFACE WATER TREATMENT WORKSHOP
AUTHOR(S): ONTARIOMGS
SOURCE(S): ONTARIOMGS
SUBJECT AREAS:
CHEMISTRY
WATER TREATMENT PLANTS
COST: 2.00 P
MICROBIOLOGY
FILTRATION
TYPE(S): PM
LEVEL: 1
COAGULATION
CHEMICAL TREATMENT
CATEGORIES: O
COPYRIGHT: C
TASTE AND ODOR
REMARKS AND ABSTRACT:
EACH CHAPTER PROCEEDED BY A LIST OF BEHAVIORAL OBJECTIVES.
A BASIC INTRODUCTION TO SURFACE WATER TREATMENT TECHNOLOGY.

DATE: 73-06

EPAW01447
CONTROL OF INDUSTRIAL WASTES IN MUNICIPALITIES
AUTHOR(S): ONTARIOMGS
SOURCE(S): ONTARIOMGS
SUBJECT AREAS:
SAMPLING
COST: 2.00 P
WASTEWATER TREATMENT
TYPE(S): PM
LEVEL: 2
INDUSTRIAL WASTES
CATEGORIES: D E M P
COPYRIGHT:
MONITORING
REMARKS AND ABSTRACT:
EACH CHAPTER PROCEEDED BY A LIST OF BEHAVIORAL OBJECTIVES.
INTRODUCES THE STUDENT TO THE FUNDAMENTALS OF: SEWAGE PLANT OPERATION, INDUSTRIAL PROCESSES WHICH GENERATE
LIQUID WASTES, CONDUCING OF LIQUID INDUSTRIAL WASTES SURVEYS.

EPAW01451
HANDBOOK OF MOISTURE DETERMINATION AND CONTROL VOLUME I
AUTHOR(S): PANDE A
SOURCE(S): MARCEL
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
FIRST OF 4 VOLUMES.
MMOISTURE CONTROL IN INDUSTRIAL ATMOSPHERES.
COST: 31.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 76-99

EPAW01452
FUNDAMENTALS OF WATER DESALINATION
AUTHOR(S): HOWE E D
SOURCE(S): MARCEL
SUBJECT AREAS:
DESALINATION
REMARKS AND ABSTRACT:
REVIEW OF DESALINATION PRACTICES
COST: 26.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
COPYRIGHT:
DATE: 76-99

EPAW01453
BIOACTIVE COMPOUNDS FROM THE SEA
AUTHOR(S): HUMM H J
LANE C E
SOURCE(S): MARCEL
SUBJECT AREAS:
MARINE POLLUTION
REMARKS AND ABSTRACT:
DISCUSSION OF BIOACTIVE COMPOUNDS IN THE OCEANS.
COST: 20.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
COPYRIGHT:
DATE: 76-99

EPAW01454
POLLUTION CONTROL PRIMER VOLUME I
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
INDUSTRIAL WASTES
WATER QUALITY
REMARKS AND ABSTRACT:
16PP, CHAPTERS 1-12.
A RUDIMENTARY GUIDE TO EFFICIENT AND PRACTICAL
MANAGEMENT OF CHEMICAL INDUSTRY WASTES.
COST: 0.15 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E O
COPYRIGHT:
DATE: 76-99

EPAW01455
POLLUTION CONTROL PRIMER VOLUME II
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
INDUSTRIAL WASTES
WATER QUALITY
REMARKS AND ABSTRACT:
26PP., CHAPTERS 13-24
A RUDIMENTARY GUIDE TO EFFICIENT AND PRACTICAL
MANAGEMENT OF CHEMICAL INDUSTRY WASTES.
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
SAFETY
CATEGORIES: E O M
COPYRIGHT:
DATE: 76-99

EPAWC1456
GUIDELINES FOR CHEMICAL PLANTS IN THE PREVENTION CONTROL AND REPORTING OF SPILLS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (CHEMICAL)
SPILLS (CHEMICAL)
COST: 1.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 76-99
NORMAL OPERATIONS (WASTE) EMERGENCY OPERATIONS (WASTE) DISASTERS
REMARKS AND ABSTRACT:
21 PP.
TYPES AND CAUSES OF SPILLS, EFFECTS OF SPILLS, SPILL PREVENTION AND CONTROL PROCEDURES, REPORTING OF SPILLS, PUBLIC RELATIONS ASPECTS, MANAGEMENT OF SPILL CONTROL PROCEDURES.

EPAWC1457
BEHAVIOR OF ORGANIC CHEMICALS IN THE AQUATIC ENVIRONMENT PART I A LITERATURE CRITIQUE (OUT OF PRINT)
AUTHOR(S): WASHINGTON UNIV
SOURCE(S): MCA
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99
CHEMICAL REACTIONS
REMARKS AND ABSTRACT:

EPAWC1458
BEHAVIOR OF ORGANIC CHEMICALS IN THE AQUATIC ENVIRONMENT PART III BEHAVIOR IN AEROBIC TREATMENT
AUTHOR(S): WASHINGTON UNIV
SOURCE(S): MCA
SUBJECT AREAS:
ACTIVATED SLUDGE
COST: 1.25 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M T
COPYRIGHT:
DATE: 69-00
BIODEGRADATION CHEMISTRY AEROBIC TREATMENT
REMARKS AND ABSTRACT:
84 PP.
PROCEDURES GIVEN FOR MEASURING BIODEGRADABILITY OF ORGANIC CHEMICALS. BENCH SCALE AND PILOT PLANT RESULTS DISCUSSED.

EPAWC1455
PRELIMINARY REPORT ON RAPID BIOLOGICAL INFORMATION SYSTEMS FOR WATER POLLUTION CONTROL
AUTHOR(S): VPI STATE UNIV
SOURCE(S): MCA
SUBJECT AREAS:
BACTERIA
COST: 0.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 70-00
BIOASSAY BIOLOGICAL ANALYSIS INFORMATION SYSTEMS
REMARKS AND ABSTRACT:

EPAWC1460
SIMPLE METHOD FOR BIOLOGICAL ASSESSMENT OF EFFECTS OF WASTE DISCHARGES ON AQUATIC BOTTOM DWELLING
AUTHOR(S): VPI STATE UNIV
SOURCE(S): MCA
SUBJECT AREAS:
BIOLOGICAL ANALYSIS
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 71-00
REMARKS AND ABSTRACT:
(OUT OF PRINT)

EPAW01461
HEALTH FACTORS IN THE SAFE HANDLING OF CHEMICALS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS: COST: 0.25 P TYPE(S): PM LEVEL: 1 CATEGORIES: T O DATE: 72-10
SAFETY (CHEMICAL) COPYRIGHT:
REMARKS AND ABSTRACT: CHEMICALS
ORDER NO. SG-1, 4PP.
KNOWLEDGE OF CERTAIN HEALTH FACTORS CAN LEAD TO SAFER HANDLING OF CHEMICALS. TOPICS DISCUSSED INCLUDE: MODE OF ENTRY, LOCAL EFFECTS AND EMERGENCY TREATMENT.

EPAW01462
FLAMMABLE LIQUIDS STORAGE AND HANDLING OF DRUM LOTS AND SMALLER QUANTITIES
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS: COST: 0.25 P TYPE(S): PM LEVEL: 1 CATEGORIES: T O DATE: 73-09
SAFETY (FIRES) COPYRIGHT:
REMARKS AND ABSTRACT: NORMAL OPERATIONS CHEMICALS
ORDER NO. SG-3, 4PP.
SAFETY IN THE STORAGE AND HANDLING OF FLAMMABLE LIQUIDS IS A PROBLEM WHICH IS OFTEN ENCOUNTERED. EQUIPMENT AND STORAGE PROCEDURES ARE DISCUSSED.

EPAW01463
FORKLIFT OPERATIONS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS: COST: 0.25 P TYPE(S): PM LEVEL: 1 CATEGORIES: E O DATE: 73-10
SAFETY (MECHANICAL) COPYRIGHT:
REMARKS AND ABSTRACT: NORMAL OPERATIONS
ORDER NO. SG-6, 4PP.
OPERATING RULES AND PROCEDURES FOR FORKLIFTS INCLUDING LOADING, DRIVING AND SERVICING.

EPAW01464
ELECTRICAL SWITCH LOCKOUT PROCEDURE
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS: COST: 0.25 P TYPE(S): PM LEVEL: 1 CATEGORIES: E O DATE: 76-99
SAFETY (ELECTRICAL) COPYRIGHT:
REMARKS AND ABSTRACT: ELECTRIC POWER
ORDER NO. SG-9, 4PP.
PROCEDURES FOR THE USE OF LOCKOUT BARS AND TAGS ARE DESCRIBED.

EPAW01465
DISPOSAL OF HAZARDOUS WASTE
DATE: 76-99
AUTHOR(S): MCA
SOURCE(S): MCA
COST: 0.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: L O S
COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL) INDUSTRIAL WASTES WASTEWATER DISPOSAL HAZARDOUS POLLUTANTS
REMARKS AND ABSTRACT:
ORDER NO. SG-9, 4PP.
METHODS FOR THE DISPOSAL OF HAZARDOUS WASTES ARE DESCRIBED.

EPAW01466
ENTERING TANKS AND OTHER ENCLOSED SPACES
DATE: 72-10
AUTHOR(S): MCA
SOURCE(S): MCA
COST: 0.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: T O
COPYRIGHT:
SUBJECT AREAS:
SAFETY NORMAL OPERATIONS TANKS
REMARKS AND ABSTRACT:
ORDER NO. SG-10, 8 PP.
PROCEDURES DESCRIBED FOR ENTERING TANKS INCLUDING:
USE OF SAFETY EQUIPMENT AND TOOLS; AND RESCUE
TECHNIQUES.

EPAW01467
OFF THE JOB SAFETY
DATE: 76-99
AUTHOR(S): MCA
SOURCE(S): MCA
COST: 0.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
ORDER NO. SG-11, 4PP.
PROCEDURES TO ENCOURAGE SAFETY WHILE OFF THE JOB.

EPAW01468
PUBLIC RELATIONS IN EMERGENCIES
DATE: 76-99
AUTHOR(S): MCA
SOURCE(S): MCA
COST: 0.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: P
COPYRIGHT:
SUBJECT AREAS:
DISASTERS PLANNING PUBLIC RELATIONS EMERGENCY RESPONSE PROGRAMS
REMARKS AND ABSTRACT:
ORDER NO. SG-12, 4PP.
CRITERIA FOR EVALUATING PUBLIC RELATIONS PLANS FOR DISASTERS.

EPAW01469
MAINTENANCE AND INSPECTION OF FIRE PROTECTION EQUIPMENT — DATE: 76-99
AUTHOR(S): MCA — TYPE(S): PM — CATEGORIES: O S
SOURCE(S): MCA — COST: 0.25 P — LEVEL: 1 — COPYRIGHT:
SUBJECT AREAS:
SAFETY (FIRES) — MAINTENANCE — FIRES
REMARKS AND ABSTRACT:
ORDER NO. SG-13, 4PP.
CHECK LIST FOR CHECKING ADEQUACY OF FIRE PROTECTION EQUIPMENT.

EPAW0147C
TRAINING OF PROCESS OPERATORS — DATE: 73-10
AUTHOR(S): MCA — TYPE(S): PM — CATEGORIES: O
SOURCE(S): MCA — COST: 0.25 P — LEVEL: 1 — COPYRIGHT:
SUBJECT AREAS:
NORMAL OPERATIONS — SAFETY — INSTRUCTION
REMARKS AND ABSTRACT:
ORDER NO. SG-15, 4PP.
GUIDE FOR TRAINING OPERATORS IN SAFE PROCEDURES.

EPAW01471
LIQUID CHEMICALS SAMPLING OF TANK CAR AND TANK TRUCK SHIPMENTS — DATE: 73-10
AUTHOR(S): MCA — TYPE(S): PM — CATEGORIES: O M
SOURCE(S): MCA — COST: 0.25 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
NORMAL OPERATIONS — SAMPLING — SAFETY (CHEMICAL) — TANKS
REMARKS AND ABSTRACT:
ORDER NO. SG-16, 4PP.
PROCEDURES FOR SAMPLING TANK CARS.

EPAW01472
FIRE PROTECTION IN THE CHEMICAL INDUSTRY — DATE: 76-99
AUTHOR(S): MCA — TYPE(S): PM — CATEGORIES: O S
SOURCE(S): MCA — COST: 0.25 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL) — FIRES — CHEMICALS — SAFETY (FIRES)
REMARKS AND ABSTRACT:
ORDER NO. SG-17, 8PP.
PRINCIPLES OF FIRE PROTECTION INCLUDING PROTECTIVE PROGRAMS, AND CHECK LIST.

EPAW01473
IDENTIFICATION OF MATERIALS
AUTHOR(S): MCA
SOURCE(S): MCA
COST: 0.25 P
TYPE(S): PM
LEVEL: 1
DATE: 76-99
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL) CHEMICALS
REMARKS AND ABSTRACT:
ORDER NO. SG-18, 4PP.
DISCUSSES IMPORTANCE OF KNOWING THE MATERIALS ONE IS HANDLING BEFORE MIXING.

EPAW01474
ELECTRICAL EQUIPMENT IN HAZARDOUS AREAS
AUTHOR(S): MCA
SOURCE(S): MCA
COST: 0.25 P
TYPE(S): PM
LEVEL: 2
DATE: 74-11
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SAFETY (ELECTRICAL) ELECTRIC POWER
REMARKS AND ABSTRACT:
ORDER NO. SG-19, 8 P
PRECAUTIONS IN USING ELECTRICAL EQUIPMENT IN FLAMMABLE VAPORS AND GASES

EPAW01475
SAFETY INSPECTION COMMITTEE IN A SMALL PLANT
AUTHOR(S): MCA
SOURCE(S): MCA
COST: 0.25 P
TYPE(S): PM
LEVEL: 2
DATE: 76-99
CATEGORIES: S O
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
ORDER NO. SG-20, 4P
SUGGESTIONS ON HOW TO SET UP A SAFETY INSPECTION COMMITTEE.

EPAW01476
CHEMICAL SAFETY DATA SHEET CAUSTIC SODA
AUTHOR(S): MCA
SOURCE(S): MCA
COST: 0.50 P
TYPE(S): PM
LEVEL: 2
DATE: 75-04
CATEGORIES: O S
COPYRIGHT: C
SUBJECT AREAS:
SAFETY (CHEMICAL) NORMAL OPERATIONS CHEMICALS
REMARKS AND ABSTRACT:
ORDER NO. SD-0, 18 PP.
HAZARDS, SAFETY, HANDLING AND STORAGE OF CAUSTIC SODA.

EPAW01477
CHEMICAL SAFETY DATA SHEET CHLORINE DATE: 74-01
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: D O S
SOURCE(S): MCA COST: 0.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
SAFETY (CHEMICAL) NORMAL OPERATIONS CHLORINE
REMARKS AND ABSTRACT:
ORDER NO. SD-80, 34 PP.
HAZARDS, SAFETY, HANDLING AND STORAGE OF CHLORINE.

EPAW01478
CHEMICAL SAFETY DATA SHEET HYDROFLUORIC ACID DATE: 72-08
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: O S
SOURCE(S): MCA COST: 0.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SAFETY (CHEMICAL) NORMAL OPERATIONS CHEMICALS
REMARKS AND ABSTRACT:
ORDER NO. SD-25, 40 PP.
HAZARDS, SAFETY, HANDLING AND STORAGE OF HYDRFLUORIC ACID.

EPAW01479
TRANSPORTATION EMERGENCY GUIDE CHLORINE DATE: 65-09
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: O
SOURCE(S): MCA COST: 0.05 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
SAFETY (CHEMICAL) CHLORINE
REMARKS AND ABSTRACT:
ORDER NO. CC-53, 1P.
DIRECTIONS FOR HANDLING AN ACCIDENT.

EPAW0148C
TRANSPORTATION EMERGENCY GUIDE LIQUID OXYGEN DATE: 65-09
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: O
SOURCE(S): MCA COST: 0.05 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
SAFETY (CHEMICAL) CHEMICALS OXYGEN
REMARKS AND ABSTRACT:
ORDER NO. CC-13, 1P.
DIRECTIONS FOR HANDLING AN ACCIDENT.

EPAW01481
TRANSPORTATION EMERGENCY GUIDE SULFURIC ACID DATE: 65-09
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: O
SOURCE(S): MCA COST: 0.05 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT:
ORDER NO. CC-25, 1P.
DIRECTIONS FOR HANDLING AN ACCIDENT.

EPAW01482
CARGO INFORMATION CARD CAUSTIC SODA SOLUTION
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT:
ORDER NO. CIC-23, 1P.
DIRECTION FOR HANDLING AN ACCIDENT.
COST: 0.10 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT: C
DATE: 70-05

EPAW01483
CARGO INFORMATION CARD CHLORINE
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (CHEMICAL)
CHLORINE
REMARKS AND ABSTRACT:
ORDER NO. CIC-24, 1P.
DIRECTIONS FOR HANDLING AN ACCIDENT.
COST: 0.10 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT: C
DATE: 70-05

EPAW01484
CARGO INFORMATION CARD HYDROFLUORIC ACID
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT:
ORDER NO. CIC-52, 1P.
DIRECTIONS FOR HANDLING AN ACCIDENT.
COST: 0.10 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT: C
DATE: 70-05

EPAW01485
CARGO INFORMATION CARD COMPRESSED GASES
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (CHEMICAL)
GASES
REMARKS AND ABSTRACT:
ORDER NO. CIC-82, 1P.
DIRECTIONS FOR HANDLING AN ACCIDENT.
COST: 0.10 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT: C
DATE: 71-05

EPAW01486
CARGO INFORMATION CARD CARGOES WITH FLASHPOINTS LOWER THAN TWENTY DEGREE FAHRENHEIT
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (FIRES)
FIRES
REMARKS AND ABSTRACT:
ORDER NO. CIC-83, 1P.
DIRECTIONS FOR HANDLING AN ACCIDENT.
COST: 0.10 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT: C
DATE: 71-05

EPAW01487
CARGO INFORMATION CARD CARGOES WITH FLASHPOINTS TWENTY DEGREES TO EIGHTY DEGREES FAHRENHEIT
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (FIRES)
REMARKS AND ABSTRACT:
ORDER NO. CIC-84, 1P
DIRECTIONS FOR HANDLING AN ACCIDENT.
COST: 0.10 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 71-05
FIRES

EPAW01488
CARGO INFORMATION CARD CARGOES WITH FLASHPOINTS ABOVE EIGHTY DEGREES FAHRENHEIT
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (FIRES)
REMARKS AND ABSTRACT:
ORDER NO. CIC-85, 1P.
DIRECTIONS FOR HANDLING AN ACCIDENT.
COST: 0.10 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 71-05
FIRES

EPAW01489
CARGO INFORMATION CARD CARGOES WITH FLASHPOINT ABOVE EIGHTY DEGREES FAHRENHEIT REQUIRING HEAT FOR TRANSF
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (FIRES)
REMARKS AND ABSTRACT:
ORDER NO. CIC-86, 1P.
DIRECTIONS FOR HANDLING AN ACCIDENT.
COST: 0.10 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 71-05
FIRES

EPAW01490
CARBOY BOTTLES (CUT OF PRINT)
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
REMARKS AND ABSTRACT:
ORDER NO. C-3
COST: 0.00
TYPE(S): PM
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 43-00

EPAW01491
DRUMS STEEL USED FOR SHIPPING CORROSIVE LIQUIDS AS DEFINED BY DOT REGULATIONS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY
TANKS
REMARKS AND ABSTRACT:
ORDER NO. D-30, 8PP.
DIRECTIONS FOR HANDLING AND STORING.
COST: 0.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O S
COPYRIGHT: C
DATE: 70-00
NORMAL OPERATIONS
MAINTENANCE
CLEANING

EPAW01492
FIFTY FIVE GALLON SINGLE TRIP METAL DRUMS FOR LIQUID CHEMICALS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
ORDER NO. D-33, 8PP.
DIRECTIONS FOR HANDLING AND STORING.
COST: 0.50 P
NORMAL OPERATIONS
TYPE(S): PM
LEVEL: 2
MAINTENANCE
CHEMICALS
DATE: 70-00
CATEGORIES: D S
COPYRIGHT: C

EPAW01493
LOADING AND UNLOADING CORROSIVE LIQUIDS TANK CARS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
ORDER NO. TC-27,13PP.
RECOMMENDED PRACTICE.
COST: 0.50 P
NORMAL OPERATIONS
TYPE(S): PM
LEVEL: 2
TANKS
CHEMICALS
DATE: 75-03
CATEGORIES: D S
COPYRIGHT: C

EPAW01494
LOADING AND UNLOADING LIQUID CAUSTIC TANK CARS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
ORDER NO. TC-28, 11PP.
RECOMMENDED PRACTICE.
COST: 0.50 P
NORMAL OPERATIONS
TYPE(S): PM
LEVEL: 2
TANKS
CHEMICALS
DATE: 75-03
CATEGORIES: D S
COPYRIGHT: C

EPAW01495
LOADING AND UNLOADING FLAMMABLE LIQUID CHEMICALS TANK CARS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
SAFETY (FIRES)
REMARKS AND ABSTRACT:
ORDER NO. TC-29, 13PP.
RECOMMENDED PRACTICE.
COST: 0.50 P
NORMAL OPERATIONS
TYPE(S): PM
LEVEL: 2
CHEMICALS
TANKS
DATE: 75-03
CATEGORIES: D S
COPYRIGHT: C

EPAW01496
TANK CAR APPROACH PLATFORMS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
DESIGN
REMARKS AND ABSTRACT:
ORDER NO. TC-7, 12 PP.
DIRECTIONS FOR DESIGN.
COST: 0.75 P
TANKS
TYPE(S): PM
LEVEL: 3
DATE: 74-05
CATEGORIES: D
COPYRIGHT: C

EPAW01497
RECOMMENDATIONS FOR SINGLE COMPARTMENT PNEUMATIC HOPPER HIGHWAY VEHICLES FOR TRANSPORT OF DRY BULK DATE: 70-00
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: D
SOURCE(S): MCA COST: 0.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
CHEMICAL TRANSPORT CHEMICALS
REMARKS AND ABSTRACT:
ORDER NO. TC-11, 4PP.
DIRECTIONS FOR DESIGN.

EPAW01498
RECOMMENDATIONS FOR FACILITIES FOR RECEIPT OF DRY BULK CHEMICALS AND PLASTICS IN PNEUMATIC HOPPER HIGHW DATE: 70-00
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: D
SOURCE(S): MCA COST: 0.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
CHEMICAL TRANSPORT CHEMICALS
REMARKS AND ABSTRACT:
ORDER NO. TC-12, 4PP.
DIRECTIONS FOR DESIGN

EPAW01499
RECOMMENDATIONS FOR COVERED HOPPER CARS EQUIPPED WITH VACUUM PNEUMATIC OUTLETS FOR TRANSPORT OF DRY BULK DATE: 70-00
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: D
SOURCE(S): MCA COST: 0.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
CHEMICAL TRANSPORT
REMARKS AND ABSTRACT:
ORDER NO. TC-13, 4PP.
DIRECTIONS FOR DESIGN

EPAW01500
RECOMMENDATION FOR FACILITIES FOR RECEIPT OF DRY BULK CHEMICALS AND PLASTICS IN PRESSURE DIFFERENTIAL CAR DATE: 71-00
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: D
SOURCE(S): MCA COST: 0.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
CHEMICAL TRANSPORT CHEMICALS
REMARKS AND ABSTRACT:
ORDER NO. TC-16, 4PP.
DIRECTIONS FOR DESIGN

EPAW01501
RECOMMENDATIONS FOR FACILITIES FOR RECEIPT OF DRY BULK CHEMICALS AND PLASTICS IN COVERED HOPPER CARS DATE: 71-00
AUTHOR(S): MCA TYPE(S): PM CATEGORIES: D
SOURCE(S): MCA COST: 0.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
CHEMICAL TRANSPORT CHEMICALS
REMARKS AND ABSTRACT:
ORDER NO. TC-17, 8PP.
DIRECTIONS FOR DESIGN.

EPAW01502

RECOMMENDATIONS FOR TERMINAL FACILITIES FOR PNEUMATIC TRANSFER OF DRY BULK CHEMICALS AND PLASTICS
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
CHEMICAL TRANSPORT
REMARKS AND ABSTRACT:
ORDER NO. TC-18, 15PP.
DIRECTIONS FOR DESIGN.
COST: 0.75 P
CHEMICALS
TYPE(S): PM
LEVEL: 3
CATEGORIES: D
COPYRIGHT: C
DATE: 72-00

EPAW01503

RECOMMENDATIONS FOR INTRANSIT LOSS AND DAMAGE REPORT
AUTHOR(S): MCA
SOURCE(S): MCA
SUBJECT AREAS:
EMERGENCY OPERATIONS
REMARKS AND ABSTRACT:
ORDER NO. TC-20, 4PP.
CHECK LIST FOR REPORTING LOSS OR DAMAGE DURING SHIPPING.
COST: 0.75 P
TECHNICAL WRITING
TYPE(S): PM
LEVEL: 2
INVENTORY
CATEGORIES: D
COPYRIGHT: C
DATE: 74-00

EPAW01505

INTRODUCTION TO ENVIRONMENTAL TECHNOLOGY VOLUME I OF WASTEWATER TECHNOLOGY
AUTHOR(S): CLEMSON U
SOURCE(S): CCCC
SUBJECT AREAS:
WASTEWATER TREATMENT
REMARKS AND ABSTRACT:
51PP., A 2-YEAR POST HIGH SCHOOL INSTRUCTIONAL PROGRAM.
FIRST OF A SERIES OF GUIDES FOR INSTRUCTORS BASED ON THE COURSE DESCRIPTIONS IN "PROGRAM IMPLEMENTATION PROCEDURES" (EPAW01504). THIS SERIES OF MODULES WILL HELP THE STUDENT TO LEARN THE APPLICATION OF SCIENTIFIC AND ENGINEERING METHODS TO THE SOLUTION OF ENVIRONMENTAL PROBLEMS, THE EFFECT OF WASTE DISPOSAL PRACTICES ON MAN AND THE ENVIRONMENT, MODERN METHODS OF PROTECTING MAN AND THE ENVIRONMENT FROM WASTE, PROCEDURES FOR SETTING ENVIRONMENTAL PROTECTION CRITERIA AND LAWS FOR PROTECTING THE ENVIRONMENT.
EPA
COST:
ENVIRONMENTAL CONTROL
WASTEWATER DISPOSAL
TYPE(S): PM
LEVEL: 1
CATEGORIES: T
COPYRIGHT:
DATE: 76-99

EPAW01506

PLANT OPERATIONS FOR WASTEWATER FACILITIES VOLUME II OF WASTEWATER TECHNOLOGY
AUTHOR(S): CLEMSON U
SOURCE(S): CCCC
SUBJECT AREAS:
OPERATIONS (WASTEWATER)
SCREENING AND GRINDING
REMARKS AND ABSTRACT:
453PP.; A 2-YEAR POST HIGH SCHOOL INSTRUCTIONAL PROGRAM; VOLUME II CONSISTS OF 5 PARTS LETTERED A THRU E. INSTRUCTIONAL PROCEDURES TO BE USED IN TRAINING OPERATORS ON THE FOLLOWING PROCESS UNITS: COLLECTION; CHLORINATION; SCREENING AND GRINDING; GRIT REMOVAL; PRIMARY SEDIMENTATION; TRICKLING FILTRATION; AERATIIN; SECONDARY SEDIMENTATION; POND STABILIZATION; THICKENING; FIRST AND SECOND STAGE DIGESTION; SLUDGE CONDITIONING AND DEWATERING; SOLIDS DISPOSAL; EFFLUENT DISPOSAL; FLOW MEASUREMENT; PUMPING AND PIPING; ELECTRIC POWER, GAS POWER. DETAILED PERFORMANCE OBJECTIVES INCLUDED WITH SUGGESTED INSTRUCTIONAL TECHNIQUES.
EPA
COST:
MAINTENANCE (WASTEWATER)
TRICKLING FILTERS
SLUDGE TREATMENT
FLOW MEASUREMENT
WASTEWATER DISPOSAL
PUMPS
TYPE(S): PM
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 75-09

EPAW01510 DATE: 76-99

GUIDE FOR SAFETY IN THE CHEMICAL LABORATORY
AUTHOR(S): MCA
SOURCE(S): VAN NOSTRA COST: 18.50 P
TYPE(S): PM LEVEL: 2
CATEGORIES: M S
COPYRIGHT:
SUBJECT AREAS:
SAFETY CHEMICALS
REMARKS AND ABSTRACT:
506PP., ILLUS. (QD 51 .M349)
HERE, FROM TODAY'S LEADING AUTHORITIES IN THE CHEMICAL INDUSTRY, IS QUICK REFERENCE HELP IN SAFELY HANDLING THE WIDE RANGE OF NEWLY DEVELOPED MATERIALS AND EQUIPMENT. A COOPERATIVE VENTURE OF THE INDUSTRY, THIS BOOK WAS PREPARED BY THE SAFETY AND FIRE PROTECTION COMMITTEE OF THE MCA. THE CONTRIBUTING AUTHORS REPRESENT FIRMS SUCH AS DOW, EASTMAN KODAK, AND DUPONT. TOGETHER THEY PROVIDE PROVEN SAFETY PROCEDURES DEVELOPED BY MANY INDIVIDUAL COMPANIES.

EPAW01511 DATE: 76-99

SAFETY IN THE CHEMICAL LABORATORY
AUTHOR(S): MCA
SOURCE(S): FEIL CAN IND COST: 10.00 R
TYPE(S): MP LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SAFETY CHEMICALS
REMARKS AND ABSTRACT:
16MM, 20 MIN., COLOR, SOUND; PURCHASE PRICE: $125.00. (AVAIL FROM CAN IND FOR $0.00 R).
AIDS IN FULFILLING ACCIDENT PREVENTION RESPONSIBILITIES IN LABORATORIES. POINTS OUT BASIC LABORATORY HAZARDS AND DEMONSTRATES SAFE PROCEDURES TO ENCOURAGE STUDENTS AND LABORATORY WORKERS TO CULTIVATE SAFE WORK HABITS. STRESSES THE HAZARDOUS PROPERTIES OF SOME CHEMICALS AND CITES BENZENE AS ONE WHICH IS BOTH FLAMMABLE AND TOXIC.

EPAW01512 DATE: 76-99

PH BUFFERS AND ACID BASE TITRATIONS
AUTHOR(S): LAMOTTE
SOURCE(S): LAMOTTE COST: 0.30 P
TYPE(S): PM LEVEL: 2
CATEGORIES: E T
COPYRIGHT: C
SUBJECT AREAS:
ACIDITY CHEMICAL ANALYSIS PH
REMARKS AND ABSTRACT:
ORDER NO. 1595, 16 PAGES
THIS BOOKLET DEALS WITH THE THEORY OF PH AND THE PRACTICAL APPLICATION OF PH CONTROL. IT COVERS THE USE OF PH INDICATOR SOLUTIONS, THE EFFECTS OF BUFFERS, AND ACID-BASE TITRATION. SEVERAL TABLES AND GRAPHS ARE INCLUDED TO ILLUSTRATE THE SUBJECT MATTER.

EPAW01513 DATE: 76-99

WATER QUALITY OVERHEAD DEMONSTRATION OUTFIT FOR WATER HARDNESS PH IRON CHLORINATION TASTE
AUTHOR(S): LAMOTTE
SOURCE(S): LAMOTTE COST: 94.95 P
TYPE(S): OT LEVEL: 2
CATEGORIES: E T
COPYRIGHT:
SUBJECT AREAS:
CHEMICAL ANALYSIS CHLORINATION COLOR HARDNESS
TASTE AND ODOR IRON PH
REMARKS AND ABSTRACT:
ORDER NO. 5572; INCLUDES HANDBOOK 'A STUDY OF WATER QUALITY'; PACKAGED IN AN ATTACHE CARRYING CASE. THIS OUTFIT INCLUDES ALL THE GLASSWARE, REAGNETS, APPARATUS AND TRANSPARENCIES REQUIRED TO PERFORM THE DEMONSTRATIONS.

EPAW01514

MANAGEMENT BY OBJECTIVES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT BY OBJECTIVES
COST: 89.95 P
TYPE(S): AC
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. SE401C, 6 CASSETTES.
THESE SIX LECTURES COVER MANAGEMENT BY OBJECTIVES AS A PHILOSOPHY, A METHOD, AND A PROCESS; THE FUNCTION OF THE MANAGER USING M.B.O.; HOW THE EMPLOYEE BENEFITS FROM M.B.O. AND INSTALLING AN M.B.O. SYSTEM.

EPAW01515

MANAGEMENT BY OBJECTIVES FOR THE NOT FOR PROFIT ENTERPRISE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT BY OBJECTIVES
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. S0401T, 14 TRANSPARENCIES
REVIEWS CONCEPTS AND EXPLAINS IN TERMS APPLICABLE TO THE LEADERS OF SCHOOLS, GOVERNMENT DEPARTMENTS, HOSPITALS, AND VOLUNTARY AGENCIES. THE MATERIAL WILL OUTLINE A PROCEDURE FOR INSTITUTING SUCH A SYSTEM IN THE NOT-FOR-PROFIT ORGANIZATIONS WITHIN A GRADUAL (PERHAPS TWO-YEAR) TIME FRAME, THUS ALLOWING THE BUSY EXECUTIVE TO CARRY ON NORMAL OPERATIONS DURING THE TIME A NEW SYSTEM IS BEING CREATED, OR AN EXISTING ONE MODIFIED.

EPAW01516

CAREER PLANNING FOR MANAGERS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
WILLIAMS P
COST: 99.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
JOB ANALYSIS
ORDER NO. WW301, 13 TRANSPARENCIES AND 2 BOOKLETS.
CAN BE USED IN CONJUNCTION WITH A 2 TO 5-DAY LIFE OR CAREER PLANNING OR CAREER ASSESSMENT WORKSHOP. CONCEPTS INCLUDED HELP PARTICIPANTS RELATE LIFE STYLE WITH CAREER OBJECTIVES. CAREER PLANNING POLICIES, STRENGTH, MANAGEMENT STRATEGIES, AND PERSONAL AND PROFESSIONAL GROWTH SYSTEMS ARE COMPARED AND RELATED TO CAREER ASSESSMENT AND PLANNING PROCESS. MAY ALSO BE USED IN CONJUNCTION WITH A MANAGEMENT DEVELOPMENT WORKSHOP. ORGANIZATION, TECHNOLOGY, STRUCTURE, AND CULTURE ARE EVALUATED IN TERMS OF THE MANAGER'S CHANGE GOAL. DIAGNOSTIC AND ACTION PLANNING CHECKLISTS ARE INCLUDED.

EPAW01517

COMMUNICATION SKILLS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
COST: 99.95 P
TYPE(S): OT PM AC
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WW402TC, 10 TRANSPARENCIES, 1 CASSETTE, HANDOUTS, READING AND WORKBOOK.
PROVIDING A FOUNDATION FOR GOOD INTERPERSONAL COMMUNICATION IS ESSENTIAL IN THE ORGANIZATION. RISK, FEEDBACK, LISTENING WITH EMPATHY, COGNITIVE DISSONANCE, CONGRUENCE, LEVELING, CLARIFYING, AND DIFFERENTIATING ARE SOME OF THE SKILLS TO BE DEVELOPED. BARRIERS AND SOLUTIONS TO INTRA-AND INTERPERSONAL COMMUNICATION ARE EXPLORED THROUGH THE USE OF THE JOHARI WINDOW, FIRO, TRANSACTIONAL ANALYSIS, GESTALT, AND EXISTENTIAL MODELS. EXERCISES GUIDE THE PRACTICE AND DEVELOPMENT OF COMMUNICATION, FACILITATION, AND LEADERSHIP SKILLS.

EPAW01518
MANAGEMENT TEAM BUILDING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
COST: 99.95 P
TYPE(S): OT PM AC
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WW403T, 10 TRANSPARENCIES, HANDOUTS, WORKBOOK, READINGS AND CASSETTE.
PRACTICAL PROBLEMS AND ALTERNATIVES TO BUILDING AN EFFECTIVE MANAGEMENT TEAM ARE FOCUSED ON THROUGH GROUP EXERCISES, CASES, INSTRUMENTS, AND READINGS. GROUP DYNAMICS, NORMS, PROCESS, LEADERSHIP STYLE, PROBLEM-SOLVING, DECISION-MAKING, PLANNING, AND DEVELOPMENT ARE EXPERIENCED AND CONCEPTUALIZED THROUGH FEEDBACK, ROLE-PLAYING, AND CASE ANALYSIS EXERCISES. TEAM BUILDING ISSUES ARE EXAMINED. SKILLS OF GROUP PROCESS, DIAGNOSIS CONSTRUCTIVE FEEDBACK, AND SECURING PROBLEM OWNERSHIP ARE EMPHASIZED.

EPAW01519
BASIC SUPERVISORY SKILLS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SUPERVISION
COST: 9.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WW401T, 10 TRANSPARENCIES, HANDOUTS AND WORKBOOK.
FOCUSES ON BASIC SKILLS REQUIRED FOR EFFECTIVE SUPERVISON. AREAS COVERED: NATURE OF SUPERVISION AND RESPONSIBILITIES OF THE SUPERVISOR; PLANNING AND CONTROL; LEADERSHIP STYLES; MOTIVATION; OVERCOMING RESISTANCE TO CHANGE; INTERVIEWING AND PERFORMANCE APPRAISING.

EPAW01520
WHAT THE NON FINANCIAL MANAGER NEEDS TO KNOW ABOUT FINANCES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
BUDGET AND ACCOUNTING
COST: 99.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W401T, 12 TRANSPARENCIES, HANDOUTS AND WORKBOOK.
DEALS WITH THE BASIC FINANCIAL STATEMENTS, CASH FLOW ANALYSIS, BUDGETING PROCEDURES, THE CONCEPT OF PRESENT VALUE, AND THEIR ANALYSIS AND THE EVALUATION OF ALTERNATIVE INVESTMENT OPPORTUNITIES.

EPAW01521
GROUP CREATIVITY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
COST: 69.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. R302, 10 TRANSPARENCIES.
WHY DO SOME GROUPS FUNCTION EFFICIENTLY AND CREATIVELY WHILE OTHERS WASTE TIME AND EFFORT CARRYING OUT THE MOST MUNDANE FUNCTIONS? REASONS AND SUGGESTIONS FOR GROUP AND INDIVIDUAL CREATIVITY ARE PRESENTED.

EPAW01522

COMMUNICATION GAMES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION INSTRUCTION
COST: 69.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WHA201, 8 TRANSPARENCIES, 1 KIT.
OUTLINES HOW ONE CAN CONSTRUCT SIX UNCOMPLICATED GAMES WHICH ILLUSTRATE PRINCIPLES INVOLVED IN EFFECTIVE COMMUNICATION.

EPAW01523

QUESTION TECHNIQUES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION (ORAL)
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. Q401T, 15 TRANSPARENCIES.
VISUAL PRESENTATION OF THE TECHNIQUES USED IN ASKING CORRECT QUESTIONS. DISCUSSION PROMOTES THE CORRECT CONTENT, TIMING, AND FORMS OF QUESTIONS WHICH ELICIT DESIRED RESPONSES.

EPAW01524

HOW TO USE A LIBRARY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
INFORMATION SYSTEMS
COST: 109.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WOS401T, 18 TRANSPARENCIES.
HOW TO USE THE CARD CATALOG; TYPES OF REFERENCE BOOKS; USE OF ASSAYS, NEWSPAPERS, POPULAR MAGAZINES, SCHOLARLY JOURNALS, GOVERNMENT DOCUMENTS, AND PAMPHLETS.

EPAW01525

BODY LANGUAGE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WR302T, 15 TRANSPARENCIES.
ALERTS VIEWERS TO SPECIAL HUMAN MESSAGES, SUCH AS INDIVIDUAL GAIT, QUIET AVOIDANCES, VISUAL SEARCH AND RESPONSE, HANDWRITING, AND LIVING ENVIRONMENTS.

EPAW01527
COMPONENTS OF SMALL GROUP INTERACTION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS COMMUNICATION
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. SK304T, 15 TRANSPARENCIES.
COVERS THE VARIABLES RELATED TO GROUP COMPOSITION, STRUCTURE, OPERATION, TASK AND OUTCOMES.

EPAW01528
INTERPERSONAL RELATIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
COST: 99.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WP302T, 16 TRANSPARENCIES.
A SAMPLING OF PSYCHOLOGICAL THEORIES AND RESEARCH ON THOUGHTS, FEELINGS, AND ACTIONS OF PEOPLE TOWARD ONE ANOTHER.

EPAW01529
GROUP BRAINSTORMING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
HUMAN REL AND PSYCHOL ASPECTS
COST: 79.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WA105, 12 TRANSPARENCIES.
PRESENTS BASIC GUIDELINES FOR BRAINSTORMING AND ILLUSTRATE THEM WITH IDEAS FROM AN ACTUAL BRAINSTORMING SESSION. PRINCIPLES ILLUSTRATED ARE USEFUL IN INDUSTRIAL DESIGN, MARKETING, EDUCATION, PSYCHOLOGY, SCIENCE AND OTHER AREAS WHERE CREATIVE METHODS ARE NEEDED.

EPAW01530
PSYCHOLOGICAL TESTS AND MEASUREMENTS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
PERSONNEL
COST: 79.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. S007, 14 TRANSPARENCIES.
PROVIDES EXAMPLES OF VARIOUS STATISTICAL TECHNIQUES USED IN ANALYZING PSYCHOLOGICAL TESTS, INCLUDING IOWA TESTS OF EDUCATIONAL DEVELOPMENT, USE OF STANDARD SCORES, RELATIONSHIPS BETWEEN DERIVED SCORES, OCCUPATIONAL TEST PROFILES, MMPI PROFILE, PROFICIENCY TESTS, APTITUDE TESTS, DAT TEST OF SPACE RELATIONS, AND IQ DIFFERENCES.

EPAW01531
DYNAMICS OF PERSUASION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
SUPERVISION
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WP301T, 18 TRANSPARENCIES.
PRESENTS ELEMENTS OF ATTITUDE CHANGE AND PERSUASION, INCLUDING CONSISTENCY THEORY, RELATIONSHIPS BETWEEN ATTITUDES, PARTICIPATION AND COMPLIANCE, BOOMERANG EFFECT, SLEEPER EFFECT, DISTRATION, SOURCE CREDIBILITY, ONE-AND TWO-SIDED APPEALS, AND FEAR APPEAL.

EPAW01532
TRANSACTIONAL ANALYSIS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
HUMAN REL AND PSYCHOL ASPECTS
COST: 119.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. T301T, 11 TRANSPARENCIES, 5 BOOKS.
A WAY OF EVALUATING AND THINKING ABOUT COMMUNICATION BETWEEN PEOPLE. USEFUL IN EDUCATION, PSYCHOLOGY, SOCIAL WORK, MANAGEMENT, AND OTHER COURSES WHERE HUMAN RELATIONS ARE DISCUSSED. INCLUDES THE FIVE LEADING BOOKS ON TRANSACTIONAL ANALYSIS: "I'M OK - YOU'RE OK" BY HARRIS, "GAMES PEOPLE PLAY" BY BERNE, "BORN TO WIN" BY JAMES AND JONGEWARD. "TA FOR KIDS" AND "TA FOR TOTS" BY FREED.

EPAW01533
FRUSTRATION AND CONFLICT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. SE404T, 10 TRANSPARENCIES.
A MODERN ANALYSIS ATTEMPTING TO UNIFY THE DIFFERING INTERPRETATIONS BY EXAMINING BOTH THE EMOTIONAL (RESPONDENTS) AND THE BEHAVIORAL VIEWPOINTS. SOURCES OF FRUSTRATION AND TYPES OF CONFLICT ARE GIVEN ALONG WITH REACTIONS AND CRITERIA OF DYSFUNCTIONAL ADJUSTMENT.

EPAW01534
IMPROVING SELF ESTEEM AND RELATIONSHIPS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
COST: 119.95 P
TYPE(S): OT PM AC
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. SN402TC, 18 TRANSPARENCIES, 2 CASSETTES, FACILITATOR'S GUIDE, AND PARTICIPANT'S HANDBOOK.
DESIGNED TO FOSTER GROWTH OF SELF-ESTEEM AND WAYS OF INTERACTING IN SUCH RELATIONSHIPS AS EMPLOYEE AND BOSS, AS STUDENT AND TEACHER, AS CLUB OR CHURCH MEMBERS. OUTLINES GROUP SESSIONS WITH YOUTH AND/OR ADULTS FOR THE PURPOSE OF LEARNING TO LIKE ONESELF, TO IDENTIFY AND COMMUNICATE HIS OR HER OWN NEEDS AND FEELINGS, AND TO AFFIRM THE POTENTIALS IN OTHER GROUP MEMBERS.

EPAW01535

SELF CONTROL
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHCL ASPECTS
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
CRDER NO. SE407T, 15 TRANSPARENCIES.
TECHNIQUES OF CONTROL, ESPECIALLY SELF CONTROL, ARE ILLUSTRATED, WITH TYPICAL APPLICATION.

EPAW01536

BIOFEEDBACK
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
CRDER NO. SE406T, 15 TRANSPARENCIES.
SINCE 1968, BIOFEEDBACK APPLICATIONS HAVE MUSHROOMED, EQUIPMENT HAS BECOME SOPHISTICATED, AND PROFESSIONAL AND LAYMAN ALIKE PRACTICE BIOFEEDBACK. THE BASIC THEORY, APPLICATIONS, EQUIPMENT, AND RESEARCH AREAS ARE ILLUSTRATED.

EPAW01537

SUPERSTITION AND SCIENCE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
CRDER NO. SE405T, 15 TRANSPARENCIES.
AN OBJECTIVE ANALYSIS INDICATES THAT SUPERSTITIONS EXERT TREMENDOUS INFLUENCE ON EVERYONE'S LIVES. ILLUSTRATES HOW SUPERSTITIONS ARE DEVELOPED, MAINTAINED, RELATED TO INTELLIGENCE, AND THE PART SCIENCE CAN PLAY IN IDENTIFYING SUPERSTITIONS.

EPAW01538

HUMAN FACTORS IN PRODUCTIVITY AND QUALITY ASSURANCE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
CRDER NO. SE402T, 15 TRANSPARENCIES.
EMPHAZIES HUMAN FACTOR ACTIONS AND THEIR EVALUATION. FEEDBACK, INCENTIVES, GROUP PARTICIPATION, AND ENVIRONMENTAL CHANGES ARE SOME ACTIONS POSSIBLE BY MANAGEMENT.

EPAW01539
EFFECTIVE USE OF VISUAL AIDS — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: S
SOURCE(S): LANSFORD — COST: 119.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
INSTRUCTION — VISUAL AIDS
REMARKS AND ABSTRACT:
ORDER NO. WHA202, 20 TRANSPARENCIES.
ILLUSTRATES EFFECTIVE UTILIZATION TECHNIQUES, COMPARES UNIQUE CHARACTERISTICS, ILLUSTRATES EQUIPMENT SELECTION AND PLACEMENT FOR MOST EFFECTIVE USE OF VISUALS IN TEACHING AND OTHER PRESENTATION SITUATIONS.

EPAW01540
USE OF OVERHEAD PROJECTOR — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: S
SOURCE(S): LANSFORD — COST: 39.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
INSTRUCTION — VISUAL AIDS
REMARKS AND ABSTRACT:
ORDER NO. S372T, 8 TRANSPARENCIES.
ENABLES ONE TO TEACH THE USE OF THE OVERHEAD PROJECTOR. DESIGNED FOR USE BY AUDIO-VISUAL SEMINARS.

EPAW01542
FREQUENCY DISTRIBUTIONS — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: M O S
SOURCE(S): LANSFORD — COST: 89.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
GRAPHICAL METHODS
REMARKS AND ABSTRACT:
ORDER NO. W301T, 14 TRANSPARENCIES.
INCLUDES: MEASUREMENTS AND SCALES, GRAPHIC PRESENTATIONS, ARRAYS AND FREQUENCY DISTRIBUTION TABLES, FREQUENCY POLYGONS, HISTOGRAMS, CUMULATIVE DISTRIBUTIONS, DISCRETE VERSUS CONTINUOUS DISTRIBUTIONS, SHAPES OF DIFFERENT DISTRIBUTIONS, AND PERCENTILES.

EPAW01543
MEASURES OF CENTRAL TENDENCY — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): OT — CATEGORIES: M O S
SOURCE(S): LANSFORD — COST: 59.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. W302T, 10 TRANSPARENCIES.
COVERS CONCEPTS OF MEAN, MEDIAN, AND MODE WITH THEIR METHODS OF CALCULATION, CHARACTERISTICS, AND PROPER USE.

EPAW01544
MEASURES OF DISPERSION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W303T, 10 TRANSPARENCIES.
DEALS WITH CONCEPTS OF RANGE, MEAN DIVEATION, VARIANCE, AND STANDARD DEVIATION WITH THEIR METHODS OF CALCULATION, CHARACTERISTICS, AND USE.

EPAW01545
PROBABILITY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS
COST: 79.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W107, 13 TRANSPARENCIES.
DEALS WITH THE FUNDAMENTALS OF PROBABILITY AND ITS APPLICATIONS. INCLUDES ILLUSTRATIONS OF OBJECTIVE AND SUBJECTIVE PROBABILITIES; CONDITIONAL, MARGINAL, AND JOINT PROBABILITIES; TREE DIAGRAMS; REVISION OF PROBABILITIES IN THE LIGHT OF NEW INFORMATION.

EPAW01546
TRANSPARENT DIAGRAMS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
VISUAL AIDS
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. S005, 10 TRANSPARENCIES.
AN ASSORTMENT OF CHARTS AND GRAPHS PRINTED ON CRYSTAL CLEAR PLASTIC. ENABLES THE TEACHER TO PREPARE VISUALS PRIOR TO CLASS.

EPAW01547
ABUSES OF STATISTICS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W218, 20 TRANSPARENCIES.
HIGHLIGHTS MANY OF THE TRAPS INTO WHICH UNINFORMED STUDENTS MIGHT FALL IF THEY ARE UNAWARE OF THE WAYS IN WHICH STATISTICS CAN BE AND OFTEN ARE MISUSED.

EPAW01548
APPLICATIONS OF RANDOM SAMPLING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SAMPLING
QUALITY CONTROL
REMARKS AND ABSTRACT:
ORDER NO. W341T, 18 TRANSPARENCIES.
COVERS POLLS, TV RATINGS, WORK SAMPLING, SAMPLING APPLICATIONS IN QUALITY CONTROL, AND OTHER AREAS.
PRESENTS USES OF SAMPLING BY U.S. BUREAU OF THE CENSUS AND OTHER GOVERNMENT AGENCIES.
DATE: 76-99
COST: 109.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C

EPAW01549
RANDOM SAMPLING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SAMPLING
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. W340T, 15 TRANSPARENCIES.
DEALS WITH SIMPLE RANDOM SAMPLING AND SOME OF ITS APPLICATIONS. INCLUDES SAMPLING DISTRIBUTION OF THE MEANS, CENTRAL LIMIT THEOREM, STANDARD ERROR, CONFIDENCE LIMITS AND INTERVALS, DETERMINATION OF REQUIRED SAMPLE SIZE, EXAMPLES OF SAMPLING PROCEDURES AND APPLICATIONS.
DATE: 76-99
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S M O
COPYRIGHT: C

EPAW01550
HYPOTHESIS TESTING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS
SAMPLING
REMARKS AND ABSTRACT:
ORDER NO. WS202, 16 TRANSPARENCIES.
DISCUSSES LEVES OF SIGNIFICANCE, ON AND TWO-TAILED TESTS, COMPARISON OF DIFFERENCES OF TWO SEPARATE POPULATIONS FROM SAMPLE INFORMATION, AND TEST OF SAMPLE RESULT WITH A HYPOTHESIZED POPULATION.
DATE: 76-99
COST: 99.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C

EPAW01551
REGRESSION AND CORRELATION ANALYSIS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. W102, 18 TRANSPARENCIES.
TEACHES THE PRINCIPLES AND APPLICATIONS OF THESE IMPORTANT STATISTICAL TOOLS. HOW TO PLOT A SCATTER DIAGRAM AND HANDFIT A REGRESSION LINE. AFTER AN ILLUSTRATION OF THE LEAST SQUARE CRITERION, GOODNESS OF FIT IS ILLUSTRATED AND IT IS SHOWN HOW REGRESSION COEFFICIENTS ARE EXTIMATED AND CALCULATED. ILLUSTRATIONS OF STANDARD ERROR OF THE ESTIMATE, CURVILINEAR REGRESSION, COEFFICIENTS OF DETERMINATION, AND MULTIPLE REGRESSION AND CORRELATION ARE SHOWN. PRESENTS AND DISCUSSES COMPUTER OUTPUT OF STANDARD REGRESSION.
DATE: 76-99
COST:
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S T
COPYRIGHT: C

EPAW01552
STATISTICAL CONCEPTS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. A223, 10 TRANSPARENCIES.
DESIGNED TO HELP STUDENTS UNDERSTAND DIFFICULT STATISTICAL CONCEPTS.

EPAW01553
CHI SQUARE TEST
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS
COST: 99.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M S O
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WS301T, 16 TRANSPARENCIES.
INCLUDES CHI-SQUARE DISTRIBUTION, GOODNESS OF FIT TEST, YATES' CONTINUITY CORRECTION, TEST OF INDEPENDENCE, 2 X 2 AND LARGER TABLES.

EPAW01554
TIME SERIES ANALYSIS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS
COST: 69.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W119, 12 TRANSPARENCIES.
INCLUDES EXAMPLES OF TIME SERIES ILLUSTRATING LINEAR AND CURVILINEAR TRENDS, SEASONAL PATTERNS, CYCLICAL VARIATIONS, AND IRREGULAR VARIATIONS; ADDITIVE AND MULTIPLICATIVE MODELS FOR TIME SERIES ANALYSIS; DETERMINATION OF TRENDS BY MEANS OF HANDFITTING, LEAST SQUARE METHOD, SEMI-AVERAGE METHOD, AND MOVING AVERAGE METHODS; DETERMINATION OF SEASONAL INDEXES; AND THE USE OF TIME SERIES ANALYSIS IN FORECASTING.

EPAW01555
BAYESIAN STATISTICS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
STATISTICAL ANALYSIS DECISION MAKING
COST: 109.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W345T, 18 TRANSPARENCIES.
ATTEMPTS TO PROVIDE AN ORDERLY PROCESS FOR MAKING DECISION IN THE FACE OF UNCERTAINTY. COMPARISON BETWEE BAYESIAN STATISTICS AND MORE ORTHODOX STATISTICAL ANALYSIS IS PROVIDED.

EPAW01556 DATE: 76-99

TABLES FOR STATISTICS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. S201, 18 TRANSPARENCIES.
PROVIDES IMPORTANT TABLES FOR STATISTICS, INCLUDING AREAS UNDER THE NORMAL CURVE, T-VALUES, BINOMIAL PROBABILITIES, SQUARES, ROOTS, RECIPROCALS, SAMPLE SIZE AND SHAPE OF UNIVERSE, NORMAL DISTRIBUTION, SEMI-LOGARITHMIC AND ARITHMETIC CHARTS.

EPAW01557 DATE: 76-99

EXPERIMENTAL DESIGN
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 69.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. W305T, 18 TRANSPARENCIES.
DEALS WITH THE BASIC APPROACHES USED IN MODERN EXPERIMENTAL DESIGN. CONCEPTS COVERED INCLUDE CONTROL GROUPS, FACTORIAL DESIGNS, RANDOMIZED EXPERIMENTS, AND OTHERS. EXAMPLES OF PRACTICAL APPLICATION.

EPAW01558 DATE: 76-99

ANALYSIS OF VARIANCE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. W306T, 14 TRANSPARENCIES.
PRESENTS AN INTRODUCTION TO THE SUBJECT AND ILLUSTRATES THROUGH A NUMBER OF EXAMPLES THE BASIC PRINCIPLES INVOLVED. INCLUDES A DISCUSSION OF THE F-DISTRIBUTION.

EPAW01559 DATE: 76-99

WALLCHARTS FOR STATISTICS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 49.95 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. 2000, 7 CHARTS, 35 BY 45 INCHES, PRINTED ON HEAVY PAPER.
TITLES INCLUDE: THE EFFECT OF SAMPLE SIZE AND SHAPE OF UNIVERSE ON THE DISTRIBUTION OF MEANS AND RANDOM SAMPLES; TABLE OF AREAS UNDER THE NORMAL CURVE; THE NORMAL DISTRIBUTION; THE T-DISTRIBUTION; SEMI-LOGARITHMIC AND ARITHMETIC CHARTS; EFFECT OF SAMPLE SIZE ON THE DISTRIBUTION OF MEANS; THE SIGNIFICANCE OF THE COEFFICIENT OF CORRELATION.

EPAW01560
NORMAL DISTRIBUTICN
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M O S
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. W216, 11 TRANSPARENCIES.
ONE OF THE MOST IMPORTANT DISTRIBUTIONS IN STAISTICS IS DISCUSSED ANC APPLICATIONS ARE PRESENTED.

EPAW01561
FIRE PREVENTION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: O S L
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
SAFETY (FIRES) EMERGENCY RESPONSE PROGRAMS FIRES
REMARKS AND ABSTRACT:
ORDER NO. S331T, 12 TRANSPARENCIES.
BASICS OF FIRE SCIENCE INSTRUCTION TECHNIQUES ARE PRESENTED, INCLUDING FIRE HAZARD MEASUREMENT, ORGANIZATION OF FIRE SERVICE AGENCIES, FIREFIGHTING TACTICS, LEGAL PROBLEMS OF FIRE FIGHTERS, FIRE DETECTION AND CAUSES, WATER SYSTEMS, AND ELEMENTS OF HAZARDOUS MATERIALS.

EPAW01562
LETTER STYLES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 39.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
SECRETARIAL SKILLS COMMUNICATION (ORAL)
REMARKS AND ABSTRACT:
ORDER NO. S326T, 11 TRANSPARENCIES.
INTENDED FOR THE SECRETARIAL TEACHER WHO WANTS TO DISCUSS BASIC INFORMATION NEEDED IN CLERICAL WORK. EXCELLENT FOR PRESENTING INFORMATION PRIOR TO PRACTICAL DEMONSTRATIONS.

EPAW01563
PUNCTUATION ENVELOPES AND CARDS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 49.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
SECRETARIAL SKILLS
REMARKS AND ABSTRACT:
ORDER NO. S327T, 13 TRANSPARENCIES.
INTENDED FOR THE SECRETARIAL TEACHER WHO WANTS TO DISCUSS BASIC INFORMATION NEEDED IN CLERICAL WORK. EXCELLENT FOR PRESENTING INFORMATION PRIOR TO PRACTICAL DEMONSTRATIONS.

EPAW01564
MECHANICS OF TYPING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 39.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
SECRETARIAL SKILLS
REMARKS AND ABSTRACT:
ORDER NO. S329T, 10 TRANSPARENCIES.
INTENDED FOR THE SECRETARIAL TEACHER WHO WANTS TO DISCUSS BASIC INFORMATION NEEDED IN CLERICAL WORK. EXCELLENT FOR PRESENTING INFORMATION PRIOR TO PRACTICAL DEMONSTRATIONS.

EPAW01565
SECRETARIAL SHORTCUTS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 69.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
SECRETARIAL SKILLS
REMARKS AND ABSTRACT:
ORDER NO. S330T, 15 TRANSPARENCIES.
INTENDED FOR THE SECRETARIAL TEACHER WHO WANTS TO DISCUSS BASIC INFORMATION NEEDED IN CLERICAL WORK. EXCELLENT FOR PRESENTING INFORMATION PRIOR TO PRACTICAL DEMONSTRATIONS.

EPAW01566
MECHANICAL DRAWING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 69.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
DRAFTING
REMARKS AND ABSTRACT:
ORDER NO. S374T, 18 TRANSPARENCIES.
DESIGNED FOR THE INSTRUCTOR WHO WANTS TO PRESENT THE BASIC ELEMENTS OF TWO-DIMENSIONAL DRAWING.

EPAW01567
CAPITAL BUDGETING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
BUDGET AND ACCOUNTING
REMARKS AND ABSTRACT:
ORDER NO. SOS401T, 14 TRANSPARENCIES.
PROVIDES AN INSIGHT INTO THE LONG-TERM ASSET SELECTION OF CORPORATIONS. STARTS WITH THE GATHERING OF INFORMATION NECESSARY FOR PROJECT EVALUATION AND CONTINUES THROUGH THE POST-AUDIT OF THE EFFECTIVENESS OF THE PROJECT. A GREAT DEAL OF ATTENTION IS DEVOTED TO THE ANALYSIS OF RISK IN THE CAPITAL BUDGETING DECISION.

EPAW01568
OFFICE DUPLICATING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SECRETARIAL SKILLS
REMARKS AND ABSTRACT:
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
EQUIPMENT (OFFICE)
ORDER NO. WS1301T, 15 TRANSPARENCIES.
DEALS WITH DUPLICATION BY MEANS OF SPIRIT MASTER, MIMEOGRAPH, AND OFFSET PRESS METHODS.

EPAWC1569
ENGINEERING GRAPHICS SET 1 LETTERING AND INSTRUMENTS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
REMARKS AND ABSTRACT:
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
ORDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINICPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01570
ENGINEERING GRAPHICS SET 2 POINTS AND LINES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
REMARKS AND ABSTRACT:
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
ORDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01571
ENGINEERING GRAPHICS SET 3 LINES AND PLANES
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
REMARKS AND ABSTRACT:
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
ORDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01572
ENGINEERING GRAPHICS SET 4 LINES PLANES PERPENDICULARS AND INTERSECTIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
REMARKS AND ABSTRACT:
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT:
DATE: 76-99
ORDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CUQRRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01573

ENGINEERING GRAPHICS SET 5 SOLIDS PART I
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
CCPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
CRDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01574

ENGINEERING GRAPHICS SET 6 SOLIDS PART II
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
CRDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01575

ENGINEERING GRAPHICS SET 7 VECTORS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. T102, 10 TRANSPARENCIES.
PRESENT BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01576

ENGINEERING GRAPHICS SET 8 SURFACE DEVELOPMENT AND INTERSECTIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
CRDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01577

ENGINEERING GRAPHICS SET 9 SECTIONS AND CONVENTIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
COST: 89.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
CRDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAWC1578
ENGINEERING GRAPHICS SET 10 DIMENSIONING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01579
ENGINEERING GRAPHICS SET 11 WORKING DRAWINGS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAWC158C
ENGINEERING GRAPHICS SET 12 PICTORIAL DRAWINGS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DRAFTING
COST: 59.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: D
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. T102, 10 TRANSPARENCIES.
PRESENTS BASIC PRINCIPLES AND CURRENT PRACTICES IN GRAPHIC COMMUNICATION.

EPAW01581
TRANSPORTATION PROBLEM
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
TRANSPORTATION
COST: 89.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W307T, 16 TRANSPARENCIES.
MATERIAL PROVIDES THE SOLUTION AND LOGICAL REASONING UNDERLYING THE TRANSPORTATION PROBLEM. THE PROBLEM WILL BE SOLVED BY THREE RELATED AND PROGRESSIVELY IMPROVED METHODS: THE "COST-SAVINGS" APPROACH, THE DIRECT AND INDIRECT COST APPROACH, AND THE HENDERSON-SCHLAIFER APPROACH. ALSO, THE TRANSPORTATION PROBLEM WILL BE FORMULATED AS A LINEAR PROGRAMMING PROBLEM.

EPAW01582
CONTRACTS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
BUDGET AND ACCOUNTING
REMARKS AND ABSTRACT:
COST: 94.95 P
TYPE(S): OT
LEVEL: 3
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
AGREEMENTS AND CONTRACTS
ORDER NO. WROG402T,17 TRANSPARENCIES.
COVERS NATURE AND CLASSES OF CONTRACTS AND CONCEPTS SUCH AS AGREEMENT, CAPACITY, CONSIDERATION, FORM, ETC.

EPAW01583
OFFICE RECORDS MANAGEMENT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
RECORD KEEPING
REMARKS AND ABSTRACT:
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
ORDER NO. WS1401T, 20 TRANSPARENCIES.

EPAW01584
DATA PROCESSING SYSTEMS DESIGN
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
DATA EVALUATION
REMARKS AND ABSTRACT:
COST: 99.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
SYSTEMS ANALYSIS AND MODELING COMPUTERS
ORDER NO. WN203, 16 TRANSPARENCIES.
SUBJECTS COVERED ARE SYSTEMS THEORY; DATA COLLECTION, CLASSIFICATION, TRANSMISSION, AND DISPLAY; DATA BASE ORGANIZATION; SEQUENTIAL AND RANDOM PROCESSING TECHNIQUES; ON-LINE SYSTEMS; AND COMPUTER SOFTWARE RELATED TO SYSTEMS DESIGN.

EPAW01586
COMPUTER INFORMATION SYSTEMS
AUTHOR(S): LANSFORD
ENRICK N
SOURCE(S): LANSFORD
SUBJECT AREAS:
INFORMATION SYSTEMS
REMARKS AND ABSTRACT:
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
COMPUTERS
ORDER NO. SEN403T, 20 TRANSPARENCIES.
EVALUATES THE ROLE OF COMPUTER INFORMATION SYSTEMS IN MANAGEMENT. COVERS THE FEASIBILITY STUDY, COST-BENEFIT EVALUATION, IMPLEMENTATION, MOTIVATION, AND THE ROLE OF COMPUTER INFORMATION SYSTEMS IN MODERN MANAGEMENT.

EPAW01587

ENERGY THE ENVIRONMENT AND THE FUTURE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
CONSERVATION
REMARKS AND ABSTRACT:
COST: 59.95 P
ELECTRIC POWER
TYPE(S): OT
LEVEL: 2
GAS POWER
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99

ORDER NO. A403T, 10 TRANSPARENCIES.
SHOWS PROJECTION OF THE FUTURE COSTS OF VARIOUS ENERGY PRODUCTION SYSTEMS WITHIN THE U.S. UNDER THE ASSUMPTIONS THAT THE DEMAND FOR ENERGY WILL CONTINUE TO GROW AND THAT THE IMPACT UPON THE ENVIRONMENT WILL BE CONTROLLED.

EPAW01588

ENERGY SOURCES PRESENT AND FUTURE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
CONSERVATION
REMARKS AND ABSTRACT:
COST: 109.95 P
ELECTRIC POWER
TYPE(S): OT
LEVEL: 2
GAS POWER
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99

ORDER NO. N401T, 18 TRANSPARENCIES.
CONCERNS THE CONTINUING ENERGY CRISIS AND POSSIBLE METHODS FOR ALLEVIATING IT. DISCUSSES ENERGY FROM THE SUN, WIND AND WAVES, AS WELL AS ENERGY FROM FOSSIL FUELS, WATER POWER, PLANT PRODUCTS, AND GEOTHERMAL ACTION. INCLUDES ENERGY FROM NUCLEAR FISSION AND FUSION.

EPAW01589

CHEMICAL POLLUTION OF AIR WATER AND SOIL
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
NITROGEN
MERCURY
REMARKS AND ABSTRACT:
COST: 59.95 P
PHOSPHATES
CADMIUM
TYPE(S): OT
LEVEL: 1
ACIDITY
SPILLS (CHEMICAL)
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
WASTEWATER TREATMENT
TEMPERATURE

ORDER NO. N402T, 17 TRANSPARENCIES.
AIR POLLUTION INCLUDES CONTAMINATION BY NOX,SOX,CO, HYDROCARBONS, LEAD AND OTHER PARTICULATES, AND RADIO-ACTIVITY. WATER POLLUTION INCLUDES NITROGEN, PHOSPHATE, DETERGENTS, ACIDS, SEWAGE, MERCURY, CADMIUM, OIL SPILLS AND THERMAL EFFECTS. SOIL POLLUTION INCLUDES GARBAGE, PESTICIDES, LEAD FROM CAR EXHAUSTS AND RADIOACTIVE WASTES.

EPAW01590

SALT MARSH ESTUARY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
AQUATIC ANIMALS
REMARKS AND ABSTRACT:
COST: 49.95 P
ECOSYSTEMS
TYPE(S): SL
LEVEL: 1
MARINE POLLUTION
CATEGORIES: E
COPYRIGHT: C
DATE: 76-

ORDER NO. TH204-3, 20 SLIDES;
OFFERS EXAMPLES OF VARIOUS AQUATIC AND TERRESTRIAL HABITATS. ILLUSTRATES SPECIFIC BIOTIC COMMUNITIES, ECOSYSTEMS, DIVERSITY OF SPECIES, AND CHARACTERISTIC ORGANISMS.

EPAWC1591
SEASHORE
DATE: 76-99
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 49.95 P
TYPE(S): SL
LEVEL: 1
CATEGORIES: E
COPYRIGHT: C
SUBJECT AREAS:
AQUATIC ANIMALS ECOSYSTEMS MARINE POLLUTION
REMARKS AND ABSTRACT:
ORDER NO. TH204-4, 20 SLIDES.
OFFERS EXAMPLES OF VARIOUS AQUATIC AND TERRESTRIAL HABITATS. ILLUSTRATES SPECIFIC BIOTIC COMMUNITITES, ECOSYSTEMS, DIVERSITY OF SPECIES, AND CHARACTERISTIC ORGANISMS.

EPAWC1592
INSTRUMENTAL ANALYSIS
DATE: 76-99
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY) CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. WWA207, 20 TRANSPARENCIES.
SURVEYS THE PRINCIPLES OF OPERATION AND MAJOR CHARACTERISTICS OF SEVERAL ANALYTICAL TOOLS FOUND IN THE MODERN CHEMISTRY LABORATORY. INCLUDES SCHEMATIC OF AN NMR SPECTROMETER, PROCESSIONAL MOTION, THE NMR SPECTRUM, IR SCHEMATIC, MOLECULAR MODELS, IR SPECTRA, RAMAN SPECTROGRAPH SCHEMATIC AND SPECTRA, AND THE EPR SCHEMATIC AND TYPICAL SPECTRA.

EPAWC1593
PHOTOMETRY
DATE: 76-99
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 79.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY) CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. WWA203, 12 TRANSPARENCIES.
ONE OF THE BASIC TOOLS USED BY CHEMISTS TO IDENTIFY AND QUANTIFY COMPOUNDS, PHOTOMETRY INCLUDES DISCUSSION OF ACHEMATIC PRESENTATION, OF UV-VIS PHOTOMETERS, BEER-LAMBERT LAW, THE LIGHT SPECTRUM, ABSORPTION CURVES, FLAME PHOTOMETRY SCHEMATIC, ATOMIC ABSORPTION SCHEMATIC, IR-PHOTOMETER SHCEMATIC, AND A NUMBER OF EXAMPLES OF ABSORPTION SPECTRA.

EPAWC1594
SAFETY IN THE CHEMISTRY LABORATORY
DATE: 76-99
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 89.95 P
TYPE(S): OT
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
SUBJECT AREAS:
SAFETY (CHEMICAL) CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. N301T, 16 TRANSPARENCIES.
FOCUSSES ATTENTION ON SAFE PRACTICES IN THE CHEMISTRY LABORATORY. SHOWS HOW STUDENTS CAN BEST AVOID EYE INJURY, CUTS, AND BRUISES.

EPAWC1595
PHYSICAL PROPERTIES OF WATER DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: M
SOURCE(S): LANSFORD COST: 39.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
WATER CHARACTERISTICS CHEMISTRY
REMARKS AND ABSTRACT:
ORDER NO. N203, 6 TRANSPARENCIES.
TOPICS INCLUDE DENSITY OF WATER AND ICE NEAR 0 C, ENERGY REQUIREMENTS OF WATER, TIME-TEMPERATURE DIAGRAM FOR CONVERSION OF ICE TO STEAM, SOLUBILITY-TEMPERATURE RELATIONSHIPS FOR SALTS IN WATER, PHASE DIAGRAM FOR WATER, AND A PLOT OF LOG VAPOR PRESSURE AGAINST THE RECIPROCAL OF THE ABSOLUTE TEMPERATURE FOR WATER.

EPAWC1596
CHROMATOGRAPHY DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: M
SOURCE(S): LANSFORD COST: 89.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY) CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
ORDER NO. WWA202, 15 TRANSPARENCIES.
PRESENTS FUNDAMENTALS AS WELL AS MAJOR NEW DEVELOPMENTS IN THE AREA. INCLUDES DISCUSSION OF THIN LAYER CHROMATOGRAPHY, PATERNS OF GLC, PAPER CHROMATOGRAPHY, SEPHADEX COLUMNS, LIQUID CHROMATOGRAPHY, AND PATTERNS OF LIQUID CHROMATOGRAPHY.

EPAWC1597
NUCLEAR CHEMISTRY DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: M
SOURCE(S): LANSFORD COST: 49.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
RADIOACTIVITY CHEMISTRY
REMARKS AND ABSTRACT:
ORDER NO. S371T, 10 TRANSPARENCIES.
COVERS ISOTOPES OF URANIUM, RADIATION, ATOMIC FISSION, CHAIN REACTION, ATOMIC FUSION, AND SIMILAR TOPICS.

EPAWC1598
ORGANIZATION AND INTERACTION OF MATTER DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): OT CATEGORIES: M
SOURCE(S): LANSFORD COST: 119.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
CHEMISTRY
REMARKS AND ABSTRACT:
ORDER NO. S369T, 25 TRANSPARENCIES.
COVERS BASICS: ATOMIC TERMS, BUNSEN BURNER, ELEMENTS, PERIODIC TABLE, ELECTRON SHELLS, MOLECULES, CHEMICAL REACTIONS, AND SIMILAR TOPICS.

EPAW01599
ELECTROCHEMISTRY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
CHEMISTRY
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W403T, 19 TRANSPARENCIES.
INCLUDES NERST EQUATION CALCULATIONS, REDOX TITRATION CURVES AND FREE ENERGY RELATIONS, AS WELL AS COMMERCIAL CELLS, FUEL CELLS AND THE PH METER.

EPAW0160C
SIMPLE FUNCTIONS AND THEIR GRAPHS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
GRAPHICAL METHODS
MATHEMATICS
COST: 69.95 P
TYPE(S): OT
LEVEL: 0
CATEGORIES: T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W312T, 12 TRANSPARENCIES.
FUNDAMENTALS OF MATHEMATICS.

EPAW01601
SOLVING SIMULTANEOUS AND QUADRATIC EQUATIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MATHEMATICS
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W313T, 15 TRANSPARENCIES.
FUNDAMENTALS OF MATHEMATICS.

EPAW01602
EXPONENTIAL FUNCTIONS AND LOGARITHMS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MATHEMATICS
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W314T, 10 TRANSPARENCIES.
FUNDAMENTALS OF MATHEMATICS.

EPAW01603
FUNDAMENTALS OF TRIGONOMETRY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MATHEMATICS
COST: 69.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. S369T, 12 TRANSPARENCIES.

EPAW01604
FUNDAMENTALS OF MATRIX ALGEBRA
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MATHEMATICS
COST: 59.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. W317T, 12 TRANSPARENCIES.
INCLUDED ARE THE USE OF A MATRIX TO REPRESENT A SET OF EQUATIONS, MATRIX ADDITION AND MULTIPLICATION, THE IDENTITY MATRIX, THE INVERSE OF A MATRIX, AND THE MATRIX SOLUTION TO A SET OF EQUATIONS.

EPAW01605
DESCRIPITIVE GEOMETRY SET A PRINCIPLES OF PROJECTION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MATHEMATICS
COST: 99.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WD205, 6 TRANSPARENCIES AND 12 OVERLAYS.
AIDS IN THE PRESENTATION OF PRIMARY TOPICS ORDINARILY COVERED IN A COURSE OF FUNDAMENTAL GEOMETRY.

EPAW01606
DESCRIPTIVE GEOMETRY SET C VECTOR GRAPHICS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MATHEMATICS
COST: 119.95 P
TYPE(S): OT
LEVEL: 2
CATEGORIES: T
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. WD207, 10 TRANSPARENCIES AND 10 OVERLAYS.
COVERS BOTH COPLANAR AND NO-COPLANAR, CONCURRENT AND NON-CURRENT SYSTEMS.

EPAW01608
SHORT COURSE ON SUPERVISORY FUNCTIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SUPERVISION
COST: 99.95 P
TYPE(S): AC OT
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. AH301TC, 10 TRANSPARENCIES AND 4 CASSETTES.
DEALS WITH SOLVING SUPERVISORY PROBLEMS. PROVIDES MINI-CASES DEALING WITH: ORGANIZING FOR EFFECTIVE WORK; PROBLEMS PECULIAR TO WOMEN EMPLOYEES; HANDLING DISCIPLINARY PROBLEMS; AND PERFORMANCE EVALUATION.

EPAW01609
GROUP LEADERSHIP DATE: 76-99
AUTHOR(S): LANSFORD KLOPF D W TYPE(S): AC PM CATEGORIES: S
SOURCE(S): LANSFORD COST: 89.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
SUPERVISION COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. SK401C, 6 CASSETTES AND BOOKLET. APPROX. RUNNING TIME 30 MIN.
TOPIC INCLUDED: LEADERSHIP PERSPECTIVES, STYLES OF LEADERSHIP, VARIABLES OF LEADERSHIP EFFECTIVENESS, AND LEADERSHIP FUNCTIONS AND PERFORMANCES.

EPAW01610
STREAMLINING ORGANIZATIONAL COMMUNICATION DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): AC PM CATEGORIES: S
SOURCE(S): LANSFORD COST: 39.95 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. WWAD301C, 2 CASSETTES, 1 BOOKLET.
DEALS WITH GETTING THE RIGHT WRITTEN INFORMATION TO THE RIGHT PEOPLE, CLEARLY, COMPLETELY, AND CONCISELY.

EPAWC1611
SOUND AND SOUND PERCEPTION DATE: 76-99
AUTHOR(S): LANSFORD TYPE(S): AC OT CATEGORIES: S
SOURCE(S): LANSFORD COST: 99.95 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION (ORAL)
REMARKS AND ABSTRACT:
ORDER NO. W220, 10 TRANSPARENCIES, 1 CASSETTE.
COVERS THE NATURE AND CHARACTERISTICS OF SOUND AND SOUND PERCEPTION.

EPAW01612
BEHAVIORAL THERAPY IN ACTION DATE: 76-99
AUTHOR(S): LANSFORD WOLPE J TYPE(S): AC CATEGORIES: S
SOURCE(S): LANSFORD COST: 59.95 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
ORDER NO. SW0401C, 4 CASSETTES.
CONSISTS OF A SERIES OF DISCUSSIONS BETWEEN DR. JOSEPH WOLPE AND SOME OF HIS PATIENTS.

EPAW01613
COMMUNICATION LECTURES — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): AC PM — CATEGORIES: S
SOURCE(S): LANSFORD — COST: 49.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. R303C, 4 CASSETTES, 2 BOOKLETS.
COVERS: THE COMMUNICATION PROCESS; PERSUASION AND ATTITUDE CHANGE; HUMAN LISTENING; AUDIENCE ANALYSIS.

EPAW01614
INTERPERSONAL COMMUNICATION — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): AC PM — CATEGORIES: S
SOURCE(S): LANSFORD — COST: 79.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. RT402C, 6 CASSETTES, 2 BOOKLETS.
EXAMINES THE FACTORS THAT INFLUENCE OUR CONTACTS WITH OTHERS AND SEEKS WAYS TO DEEPEN AND ENRICH THAT CONTACT. INCLUDES: THE SELF AND ITS EXPRESSION; REAL AND IDEAL; ORIENTATIONS TO OTHER PEOPLE; THE EFFECTS OF DOMINANCE, POWER, AND AUTHORITY; THE ENCOUNTER GROUP; GROUP FUNCTIONS AND PHASES; AND I-THOU; RELATIONSHIP THROUGH DIALOGUE.

EPAW01615
INTRAPERSONAL COMMUNICATION — DATE: 76-99
AUTHOR(S): LANSFORD — TYPE(S): AC SL PM — CATEGORIES: S
SOURCE(S): LANSFORD — COST: 99.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
ORDER NO. RT401SC, 25 SLIDES, 5 CASSETTES, 2 BOOKLETS.
DEALS WITH THE INNER WORKINGS OF THE COMMUNICATOR, THE INTRAPERSONAL ASPECTS OF COMMUNICATION. INCLUDES: THE NATURE OF THE INTERNAL COMMUNICATION SYSTEM; INFORMATION; INPUT AND STORAGE; PERCEPTION; COGNITION; ORGANIZATION; AND BEHAVIOR: OUTPUT AND FEEDBACK.

EPAW01616
WORKING WITH INDIVIDUALS — DATE: 76-99
AUTHOR(S): LANSFORD — ZACCARIA J S — TYPE(S): AC PM — CATEGORIES: S
SOURCE(S): LANSFORD — COST: 89.95 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
SUPERVISION — HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
ORDER NO. SZ401C, 6 CASSETTES, 1 RESOURCE BOOK, 1 STUDY GUIDE. EACH LECTURE APPROX. 40 MIN.
TITLES INCLUDE: AN INTRODUCTION TO INDIVIDUAL COUNSELING, THE PROCESS OF INDIVIDUAL COUNSELING, THE CLIENT-CENTERED COUNSELING OF CARL ROGERS, EXISTENTIAL COUNSELING, THE TRAIT AND FACTOR COUNSELING OF EDMUND WILLIAMSON, THE RATIONAL EMOTIVE COUNSELING OF ALBER ELLIS.

EPAW01617

SELF ESTEEM
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
COST: 59.95 P
TYPE(S): AC
LEVEL: 3
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. OUR402C, 4 CASSETTES.
A SERIES OF CONVERSATIONS WITH THE STUDENTS AT THE OPERANT BEHAVIOR MODIFICATION PROJECT, VA HOSPITAL, MENLO PARK, CALIFORNIA WHERE PEOPLE ARE WORKING FULL TIME IN TRYING TO MODIFY THE WAY IN WHICH THEY THINK ABOUT THEMSELVES.

EPAW01618

CONTROLLING THOSE ABOVE YOU
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS PERSONNEL
COST: 89.95 P
TYPE(S): AC PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
ORDER NO. SR401C, 5 CASSETTES, 1 BOOKLET.
DISCUSSIONS ON HOW A SUBORDINATE CONTROLS HIS SUPERIORS. THE SUTHORS DISCUSS HOW THEY TRAINED KIDS TO MODIFY THEIR TEACHERS' BEHAVIOR AND ITS IMPLICATIONS TO SUCH RELATIONSHIPS AS STUDENT-TEACHER, CHILD-PARENT, ROOMPATE-ROOMPATE, HUSBAND-WIFE, AND EMPLOYEE-EMPLOYER.

EPAW01619

EXERCISES ABOUT POLLUTION
AUTHOR(S): SCHN B I
SOURCE(S): MILLI
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
ALGAE
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 73-00
TOTAL COLIFORMS
MICROBIOLOGY
FECAL COLIFORMS
FECAL STREP
REMARKS AND ABSTRACT:
9PP. REPRINT FROM 'POLLUTION' MAGAZINE.
DESCRIBES PHYSICAL, CHEMICAL AND BACTERIAL TESTS TO DETERMINE WATER POLLUTION LEVELS FROM MICROORAGANISMS.
EQUIPMENT PHOTOS.

EPAW01625

PHYTOPLANKTON ANALYSIS
AUTHOR(S): MILLI
SOURCE(S): MILLI
SUBJECT AREAS:
PLANKTON
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 74-00
ALGAE
BACTERIAL ANALYSIS
MEMBRANE FILTRATION
REMARKS AND ABSTRACT:
AB310, 6PP.
EQUIPMENT AND PROCEDURE OUTLINED FOR ANALYSIS OF PLANKTON AND ALGAE, AMPLIFIED BY PHOTOS OF EQUIPMENT AND COLOR PLATE IDENTIFYING COMMAN FORMS OF PLANKTON AND ALGAE FORMED IN SURFACE AND POLLUTED WATER.

EPAW01626
TOTAL COLIFORM ANALYSIS
AUTHOR(S): MILLI
SOURCE(S): MILLI
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 74-00
SUBJECT AREAS:
TOTAL COLIFORMS MEMBRANE FILTRATION
REMARKS AND ABSTRACT:
AB311, 7PP.
USING MEMBRANE FILTRATION, DESCRIBES SAMPLING AND LABORATORY PROCEDURES FOR COLIFORM TOTALS. EQUIPMENT AND PROCEDURAL STEPS WELL ILLUSTRATED.

EPAW01627
SUSPENDED SOLIDS ANALYSIS
AUTHOR(S): MILLI
SOURCE(S): MILLI
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 73-00
SUBJECT AREAS:
SUSPENDED MATTER
REMARKS AND ABSTRACT:
RPT: AB312 (FORMERLY AP312), 4 PP.
DESCRIBES LABORATORY PROCEDURES AND DATA EVALUATION REQUIREMENTS FOR SUSPENDED MATTER TEST USING FILTERS. EQUIPMENT PHOTOS, TABLES, BIBL.

EPAW01628
FECAL COLIFORM ANALYSIS
AUTHOR(S): MILLI
SOURCE(S): MILLI
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 74-00
SUBJECT AREAS:
FECAL COLIFORMS MEMBRANE FILTRATION
REMARKS AND ABSTRACT:
RPT: AB313 (FORMERLY AP 313), 5 PP.
DESCRIBES USE OF MEMBRANE FILTERS IN FECAL COLIFORM ANALYSIS IN STEP-BY-STEP PROCEDURE. EQUIPMENT PHOTOS, TABLES, BIBL.

EPAW01631
POLLUTION CONTROL IN THE ORGANIC CHEMICAL INDUSTRY
AUTHOR(S): SITTING M
SOURCE(S): NOYES
COST: 36.00 P
TYPE(S): PM
LEVEL: E
CATEGORIES: O M O T
COPYRIGHT:
DATE: 74-00
SUBJECT AREAS:
BICLOGICAL TREATMENT
POLLUTANTS
TERTIARY TREATMENT
CHEMICAL TREATMENT
SAMPLING
ENVIRONMENTAL CONTROL
SLUDGE TREATMENT
SURVEYS
PRETREATMENT
ULTIMATE DISPOSAL
EFFLUENTS
SECONDARY TREATMENT
ECONOMICS
REMARKS AND ABSTRACT:
305PP.
ASSISTS THE CHEMICAL ENGINEER IN TREATING CHEMICAL WASTE PRODUCTS AND EFFLUENTS IN CONJUNCTION WITH PRUDENT RAW MATERIAL CHOICES AND THUS BRING ABOUT PROCESS ECONOMICS. IT PRESENTS CONDENSED VITAL DATA FROM GOVERNMENT AND OTHER SOURCES OF INFORMATION THAT ARE SCATTERED AND DIFFICULT TO PULL TOGETHER.

EPAW01632

POLLUTION DETECTION AND MONITORING HANDBOOK — DATE: 74-00

AUTHOR(S): SITTING M
SOURCE(S): NOYES — COST: 36.00 P
TYPE(S): PM — LEVEL: 3
CATEGORIES: M
COPYRIGHT:

SUBJECT AREAS:

ENVIRONMENTAL EFFECTS	QUALITY CONTROL	MONITORING	ANALYTICAL TECHNIQUES
INSTRUMENTATION (PLANT)	SAMPLING	MANUALS	

REMARKS AND ABSTRACT:
401PP.; COMPANION VOLUME "POLLUTANT REMOVAL HANDBOOK".
THIS HANDBOOK CONTAINS METHODS FOR THE DETECTION AND MONITORING OF POLLUTANTS IN INDUSTRIAL EFFLUENTS, NOTABLY AIR AND WATER. FOR MEANINGFUL CONTROL AND PREVENTION OF POLLUTION THE ACCEPTED STANDARDS AND PARAMETERS FOR AIR AND WATER QUALITY MUST BE KNOWN. ACCEPTABLE LEVELS FOR EACH TYPE OF IMPURITY MUST BE KNOWN BY THE INDUSTRIALIST OR PUBLIC HEALTH OFFICIAL, AND THIS BOOK, WITH ITS 1633 REFERENCES MAKES AN ATTEMPT TO COMMUNICATE SUCH LEVELS.

EPAW01633

POLLUTION CONTROL IN THE DAIRY INDUSTRY — DATE: 74-00

AUTHOR(S): JONES H R
SOURCE(S): NOYES — COST: 24.00 P
TYPE(S): PM — LEVEL: 3
CATEGORIES: D M O
COPYRIGHT:

SUBJECT AREAS:

PROCESS CONTROL	BIOCHEMICAL OXYGEN DEMAND	ECONOMICS	INDUSTRIAL WASTES

REMARKS AND ABSTRACT:
277PP.
THE PROCESSING OF DAIRY PRODUCTS CONTRIBUTES MATERIALLY TO FLUID WASTES WHICH MUST RECEIVE TREATMENT PRIOR TO THEIR DISCHARGE INTO RIVERS AND OTHER WATERWAYS. THIS BOOK OFFERS DIRECT HELP BY PRESENTING CONDENSED VITAL DATA FROM GOVERNMENT AND OTHER SOURCES.

EPAW01634

POLLUTION CONTROL IN MEAT POULTRY AND SEAFOOD PROCESSING — DATE: 74-00

AUTHOR(S): JONES H R
SOURCE(S): NOYES — COST: 36.00 P
TYPE(S): PM — LEVEL: 3
CATEGORIES: D M O
COPYRIGHT:

SUBJECT AREAS:

BIOCHEMICAL OXYGEN DEMAND	PRETREATMENT	WASTEWATER TREATMENT DESIGN	NITROGEN
MAINTENANCE	OPERATIONS	ENVIRONMENTAL CONTROL	INDUSTRIAL WASTES
TASTE AND ODOR			

REMARKS AND ABSTRACT:
263PP.
SLAUGHTERING AND MEAT PROCESSING PRODUCE A HIGHLY LOADED, BUT BIOLOGICALLY DEGRADABLE WASTEWATER, CONTAINING DISSOLVED, SUSPENDED AND DISPERSED BLOOD, BILE, GREASE AND FIBROUS ANIMAL MATTER WITH HIGH NITROGEN CONTENT, BRINGING WITH IT ALSO SERIOUS AIR POLLUTION AND ODOR PROBLEMS. SINCE ANIMAL SLAUGHTER IS THE PRIMARY FACTOR IN DETERMINING WASTEWATER VOLUMES AND POLLUTION LOADS, IT WAS NECESSARY TO EXAMINE THE SIZE AND STRUCTURE OF THE MEAT PACKING INDUSTRY. IMPORTANT POLLUTION REMOVAL PROCESSES ARE INTERPRETED AND EXPLAINED.

EPAW01635

POLLUTANT REMOVAL HANDBOOK

DATE: 73-00

AUTHOR(S): SITTING M
SOURCE(S): NOYES
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O M
COPYRIGHT:

SUBJECT AREAS:

POLLUTANTS	POLYELECTROLYTES	FLOCCULATION	ACTIVATED SLUDGE
ENVIRONMENTAL CONTROL	INDUSTRIAL WASTES	MANUALS	

REMARKS AND ABSTRACT:
528PP.
PROVIDES A ONE VOLUME PRACTICAL REFERENCE BOOK SHOWING SPECIFICALLY HOW TO REMOVE POLLUTANTS, PARTICULARLY THOSE EMANATING FROM INDUSTRIAL PROCESSES. GIVES PERTINENT AND CONCISE INFORMATION ON SUCH WIDELY DIVERGENT TOPICS AS THE REMOVAL OF OIL SLICKS IN OCEANS TO THE CONTAINING OF ODORS AND PARTICULATES FROM PAPER MILL. GIVES SPECIFIC INSTRUCTIONS AND PROVIDES HELPFUL INFORMATION POINTING IN THE RIGHT DIRECTION ON THE ARDUOUS AND COSTLY ANTI-POLLUTION ROAD THAT INDUSTRY IS NOW FORCED TO TAKE UNDER ECOLOGIC AND SOCIOLOGIC PRESSURES.

EPAW01636

POLLUTION CONTROL IN METAL FINISHING

DATE: 73-00

AUTHOR(S): WATSON M R
SOURCE(S): NOYES
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O M
COPYRIGHT:

SUBJECT AREAS:

LAWS AND REGULATIONS	ENVIRONMENTAL CONTROL	CONSERVATION	ACIDITY
ALKALINITY	CADMIUM	COPPER	CYANIDE
FLUORIDE	IRON	ION EXCHANGE	PHOSPHATES
SILVER	ZINC	INDUSTRIAL WASTES	

REMARKS AND ABSTRACT:
295PP.
ELECTROPLATING AND OTHER METAL FINISHING WASTE STREAMS ARE SIGNIFICANT CONTRIBUTORS TO WATER POLLUTION, EITHER DIRECTLY BY THEIR CONTENT OF TOXIC AND CORROSIVE MATERIALS OR INDIRECTLY THROUGH THE DELETERIOUS EFFECT THESE EFFLUENTS EXERT ON SEWAGE TREATMENT SYSTEMS. SOLUTIONS TO THESE PROBLEMS ARE BASED ON VARIOUS GOVERNMENTAL SURVEYS AND REPORTS WITH PRACTICAL EXAMPLES DETAILED FROM LATE U.S. PATENTS.

EPAW01637

POLLUTION CONTROL IN THE PETROLEUM INDUSTRY

DATE: 73-00

AUTHOR(S): JONES H R
SOURCE(S): NOYES
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O M
COPYRIGHT:

SUBJECT AREAS:

ENVIRONMENTAL CONTROL	WASTEWATER DISPOSAL	ECONOMICS	INDUSTRIAL WASTES
EFFLUENTS			

REMARKS AND ABSTRACT:
324PP.
THE PETROLEUM INDUSTRY CAN BE DIVIDED INTO THREE MAJOR DIVISIONS: PRODUCTION, REFINING, SUBDIVIDING AND DISTRIBUTING. ALL OF THESE ACTIVITIES ARE OR CAN BE SOURCES OF EMISSIONS INTO THE AIR AND WATER. THIS BOOK SHOWS PRACTICAL TECHNOLOGY FOR AVOIDING OR REDUCING THESE HARMFUL EMISSIONS, AND HOW TO CLEAN UP AFTER UNAVOIDABLE DAMAGE HAS BEEN DONE.

EPAW01638 DATE: 73-00

WASTEWATER CLEANUP EQUIPMENT
AUTHOR(S): NOYES
SOURCE(S): NOYES
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O M
COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (PLANT)
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
2ND EDITION; 372PP.
THIS BOOK GIVES BASIC TECHNICAL INFORMATION AND SPECIFICATIONS PERTAINING TO COMMERCIAL EQUIPMENT CURRENTLY AVAILABLE FROM EQUIPMENT MANUFACTURERS. ALTOGETHER THE PRODUCTS OF 94 COMPANIES ARE REPRESENTED. SUPPLIES TECHNICAL DATA, DIAGRAMS, PICTURES, SPECIFICATIONS AND OTHER INFORMATION ON COMMERCIAL EQUIPMENT USEFUL IN WATER POLLUTION CONTROL AND SEWAGE TREATMENT.

EPAW01639 DATE: 73-00

POLLUTION CONTROL AND CHEMICAL RECOVERY IN THE PULP AND PAPER INDUSTRY
AUTHOR(S): JONES H R
SOURCE(S): NOYES
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O M
COPYRIGHT:
SUBJECT AREAS:
COSTS
ENVIRONMENTAL CONTROL
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
337PP.
MANY EFFLUENT WASTES FROM PAPER MILLS ARE BIODEGRADABLE, BUT TREATMENT COSTS ARE INCREASING, EFFLUENT DISCHARGE REQUIREMENTS ARE BECOMING MORE STRINGENT, AND URBANIZATION INCREASINGLY LIMITS THE AVAILABILITY OF LAND. ECONOMIC CONTROL PROCEDURES APPLIED BY THE INDUSTRY, THEREFORE, FORM AN ESSENTIAL PART OF THE POLLUTION CONTROL PROCEDURES. VITAL DATA FROM GOVERNMENT SOURCES IS GIVEN. IMPORTANT PROCESSES ARE INTERPRETED AND EXPLAINED BY 54 U.S. PATENTS.

EPAW01640 DATE: 73-00

POLLUTION CONTROL IN THE TEXTILE INDUSTRY
AUTHOR(S): JONES H R
SOURCE(S): NOYES
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O M
COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
324PP.
THE MAJOR POLLUTION PROBLEMS CONFRONTED BY THE TEXTILE INDUSTRY ARE WATER POLLUTION PROBLEMS. SOLUTIONS TO THESE PROBLEMS ARE BASED ON VARIOUS GOVERNMENT SURVEYS AND REPORTS WITH PRACTICAL EXAMPLES DETAILED FROM LATE U.S. PATENTS.

EPAW01641 DATE: 73-00

WASTE DISPOSAL CONTROL IN THE FRUIT AND VEGETABLE INDUSTRY
AUTHOR(S): JONES H R
SOURCE(S): NOYES
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O M
COPYRIGHT:
SUBJECT AREAS:
WASTEWATER DISPOSAL
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
261PP.
BASED ON AUTHORITATIVE GOVERNMENT REPORTS AND SURVEYS. ATTEMPTS TO XLARIFY THE WAYS AND MEANS OPEN TO THE FOOD PROCESSOR WHO MUST KEEP HIS POLLUTING WASTES DOWN TO A MINIMUM.

EPAW01644

TODAYS SEALING BETTER THAN EVER
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
SEALS
COST: 0.10
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
COMPREHENSIVE REVIEW OF SEALING. REVIEWS RECENT PROGRESS ON MECHANICAL SEALS, PACKING, GASKETS AND LIP SEALS, WITH PARTICULAR ATTENTION TO MATERIALS, INSTALLATION AND ENVIRONMENTAL CONSIDERATIONS.

EPAW01645

ELECTRIC MOTOR CONTROLS AND PROTECTION
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
MOTORS
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
COMPREHENSIVE REVIEW OF ELECTRIC MOTORS AND PROTECTION OF MOTORS.

EPAW01646

BASIC DATA ON VIBRATION AND NOISE CONTROL
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
MAINTENANCE
EQUIPMENT (PLANT)
COST: 2.60 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
COMPREHENSIVE REVIEW OF VIBRATION AND NOISE CONTROL FOR ROTATING EQUIPMENT.

EPAW01647

BASIC DATA ON SEALS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
SEALS
COST: 4.80 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
COMPREHENSIVE REVIEW OF SEALING. REPORTS ON PACKING, PISTON RINGS, GASKETS, SEALS.

EPAW01648

AIR AND LIQUID HANDLING SYSTEMS
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
PIPES
PUMPS
EQUIPMENT (PLANT)
MANUALS
VALVES
COST: 7.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M 0 0
COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
COMPREHENSIVE REVIEW OF AIR AND LIQUID HANDLING SYSTEMS. SPECIAL REPORTS ON PUMPS, PIPING, VALVES, COMPRESSING AIR, AIR DRYERS, AFTERCOOLERS AND FILTERS.

EPAW01649
FANS
DATE: 76-99
AUTHOR(S): POWER MAG
TYPE(S): PM
CATEGORIES: D O
SOURCE(S): POWER MAG
COST: 1.35 P
LEVEL: 2
COPYRIGHT:
SUBJECT AREAS:
COMPRESSORS
EQUIPMENT (PLANT)
MAINTENANCE
REMARKS AND ABSTRACT:
24PP.
COMPREHENSIVE REVIEW OF INDUSTRIAL FANS. STARTING WITH A THOROUGH EXPLANATION OF HOW FANS WORK, THE REPORT PROGRESSES TO SPECIFIC CONSIDERATIONS SUCH AS SYSTEM DESIGN, FAN SELECTION, NOISE AND VIBRATION, CONTROLS, ACCESSORIES, AND INSTALLATION AND MAINTENANCE. DISCUSSES THE NEW MATERIALS WHICH ENABLE ENGINEERS TO APPLY AIR-MOVING EQUIPMENT TO THE MOST ADVERSE CONDITIONS.

EPAW01651
COMBUSTION CONTROL
DATE: 76-99
AUTHOR(S): POWER MAG
TYPE(S): PM
CATEGORIES: O
SOURCE(S): POWER MAG
COST: 1.75 P
LEVEL: 2
COPYRIGHT:
SUBJECT AREAS:
OPERATIONS
INSTRUMENTATION (PLANT)
REMARKS AND ABSTRACT:
32PP.
COMBUSTION CONTROL HAS ADVANCED FAR FROM THE SIMPLE WATER GAUGE, PRESSURE GAUGE AND FLOW METER. IN BOTH CENTRAL STATION CONTROL ROOM AND SMALL INDUSTRIAL BOILER PLANT, TODAY'S ENGINEER MUST BE FAMILIAR WITH A WIDE RANGE OF MECHANICAL, ELECTRIC AND ELECTRONIC DEVICES. DISCUSSES BASIC PRINCIPLES, FOLLOWS WITH DETAILED EQUIPMENT DESCRIPTIONS.

EPAW01652
ELECTRIC DISTRIBUTION EQUIPMENT
DATE: 76-99
AUTHOR(S): POWER MAG
TYPE(S): PM
CATEGORIES: O
SOURCE(S): POWER MAG
COST: 2.25 P
LEVEL: 2
COPYRIGHT:
SUBJECT AREAS:
ELECTRIC POWER
REMARKS AND ABSTRACT:
48PP. ILLUSTRATED.
ANALYZES THAT PORTION OF THE ELECTRIC SYSTEM STRETCHING FROM INCOMING ELECTRIC UTILITY LINES RIGHT UP TO THE MEANS OF CONTROL AND APPLICATION. COVERS PRIMARY SUB-STATIONS, WAYS TO DISTRIBUTE PRIMARY VOLTAGE AROUND THE PLANT, SECONDARY SUB-STATIONS AND THE DISTRIBUTION OF THAT VOLTAGE.

EPAW01653
THERMAL INSULATION
DATE: 74-08
AUTHOR(S): POWER MAG
TYPE(S): PM
CATEGORIES: O O
SOURCE(S): POWER MAG
COST: 3.00 P
LEVEL: 2
COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (PLANT)
PIPES
MAINTENANCE
REMARKS AND ABSTRACT:
COMPREHENSIVE REVIEW OF THERMAL INSULATION. FROM TROWEL-ON TYPES TO THE REFLECTIVE BARRIERS USED FOR NUCLEAR PLANT PIPING. THEORY AND CALCULATION, PLUS INSTALLATION AND MAINTENANCE TIPS BASED ON FIELD EXPERIENCE.

EPAW01654

NOISE CONTROL
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
HUMAN ENGINEERING
REMARKS AND ABSTRACT:
COST: 1.10 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
PLANT CONSTRUCTION
NOISE POLLUTION
16PP.
COMPREHENSIVE REVIEW OF NOISE CONTROL IN INDUSTRY AND THE COMMUNITY. TELLS WHAT NOISE IS, HOW IT IS MEASURED, HOW TO MAKE SURE A SURVEY IN YOUR PLANT AND WHAT TO DO ABOUT OBJECTIONABLE NOISE LEVELS.

EPAW01655

CORROSION
AUTHOR(S): POWER MAG
SOURCE(S): POWER MAG
SUBJECT AREAS:
CORROSION
REMARKS AND ABSTRACT:
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
PREVENTIVE MAINTENANCE
36PP.
ANNUAL U.S. BILL FOR CORROSION IS ABOUT 6 BILLION DOLLARS. REPORT SHOWS HOW YOU CAN TRIM DOWN YOUR SHARE. PIN-POINT LATEST CORROSION-COMBATING WEAPONS.

EPAW01657

MANAGEMENT PRIMER ON WATER POLLUTION CONTROL
AUTHOR(S): CROSS F L JR
SOURCE(S): TECHNOMIC
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
PRIMARY TREATMENT
REMARKS AND ABSTRACT:
COST: 25.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E M O S
COPYRIGHT:
DATE: 74-00
DECISION MAKING
TERTIARY TREATMENT
DOMESTIC WASTEWATERS
WATER QUALITY
191 PP
A BASIC TEXT AND REFERENCE FOR THE DECISION-MAKER WHO IS NOT A SPECIALIST IN WATER POLLUTION CONTROL.

EPAW01658

HANDBOOK ON MARINE ENVIRONMENTAL ENGINEERING
AUTHOR(S): CROSS F L
SOURCE(S): TECHNOMIC
SUBJECT AREAS:
MARINE POLLUTION
STORM WATER
REMARKS AND ABSTRACT:
COST: 35.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E L O S T
COPYRIGHT:
DATE: 74-00
OIL AND GREASE
PREVENTIVE MAINTENANCE
ENVIRONMENTAL CONTROL
196 PP
INFORMATION ON ALL FORMS OF MARINE POLLUTION, AND THE PREVENTIVE AND REMEDIAL TECHNIQUES AVAILABLE.

EPAW0165S
FUNDAMENTAL ASPECTS OF WATER QUALITY MANAGEMENT
DATE: 72-00
AUTHOR(S): HANN R W
SOURCE(S): TECHNOMIC COST: 8.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O P S
COPYRIGHT:
SUBJECT AREAS:
BIOLOGICAL ANALYSIS
CHEMICAL ANALYSIS
CHEMICAL ANALYSIS
WATER QUALITY
REMARKS AND ABSTRACT:
158 PP
TECHNIQUES FOR PLANNING, MANAGEMENT, ANALYSIS AND IMPROVEMENT OF WATER QUALITY.

EPAWC166C
DESIGN HANDBOOK OF WASTEWATER TREATMENT SYSTEMS
DATE: 72-00
AUTHOR(S): GOODMAN B L
SOURCE(S): TECHNOMIC COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D
COPYRIGHT:
SUBJECT AREAS:
WASTEWATER TREATMENT PLANTS
AERATION
DOMESTIC WASTEWATERS
PRETREATMENT
CHLORINATION
PRIMARY SEDIMENTATION
WASTEWATER TREATMENT DESIGN
TRICKLING FILTERS
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
125 PP
GUIDE TO ADVANCED DESIGN OF DOMESTIC AND INDUSTRIAL WASTEWATER TREATMENT SYSTEMS.

EPAW01661
HANDBOOK OF WATER RESOURCES AND POLLUTION CONTROL
DATE: 76-99
AUTHOR(S): GEHM BREGMAN
SOURCE(S): VAN NOSTRA COST: 39.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L T
COPYRIGHT:
SUBJECT AREAS:
MANUALS
WATER REUSE
WATER QUALITY
TERTIARY TREATMENT
DESALINATION
LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
PPROVIDES A SECTION-BY-SECTION ANALYSIS OF THE FEDERAL WATER POLLUTION CONTROL ACT, EXPLAINS THE TECHNOLOGY REQUIRED TO MEET THE LAWS REQUIREMENTS. DESCRIBES AREAS SUCH AS PRACTICAL, ECONOMIC DESALINATION; TERTIARY TREATMENT OF MUNICIPAL SEWAGE; TREATMENT AND DISTRIBUTION OF POTABLE WATER; DISPOSAL OF SLUDGE RESULTING FROM WASTE TREATMENT; BENEFICIAL USE OF WASTE HEAT FROM INDUSTRIAL FACILITIES; WATER RECLAMATION THROUGH ADVANCED TREATMENT OF MUNICIPAL AND INDUSTRIAL WASTEWATER.

EPAW01662
NEW CONCEPTS IN WATER PURIFICATION
DATE: 74-00
AUTHOR(S): CULP G L CULP R L
SOURCE(S): VAN NOSTRA COST: 16.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
WATER TREATMENT
FILTRATION
PLANT CONSTRUCTION
COAGULATION
OPERATIONS (WATER)
RESOURCE RECOVERY
SEDIMENTATION
WATER TREATMENT PLANTS
REMARKS AND ABSTRACT:
306PP., 103 ILLUS.
SHOWS HOW TO USE ADVANCED TECHNIQUES FOR DESIGNING NEW TREATMENT PLANTS OR INCREASING THE CAPACITY AND PERFORMANCE OF EXISTING ONES. EXAMPLES IN FULL-SCALE USE OF THESE PROCEDURES, ENGINEERING DESIGN INFORMATION, AND ACTUAL PLANT OPERATING EXPERIENCES BRING YOU VITAL INFORMATION IN AREAS SUCH AS HIGH RATE (TUBE) SETTLING; ADVANCES IN COARSE-TO-FINE IN-DEPTH FILRATION; A FULLY AUTOMATIC METHOD FOR OPTIMIZING AND CONTROLLING COAGULANT DOSAGE; DISPOSING OR RECLAIMING OF WASTE WATER PLANT SLUDGES; ENSURING ADEQUATE & SUCCESSFUL DISINFECTION; REMOVING TOXIC HEAVY METALS FROM WATER SUPPLIES.

EPAW01663

INDUSTRIAL POLLUTION
AUTHOR(S): SAX N I
SOURCE(S): VAN NOSTRA
COST: 35.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 76-99
SUBJECT AREAS:
AGROCHEMICALS
POLLUTANTS
REMARKS AND ABSTRACT:
704PP., 290 ILLUS.
TWENTY-THREE LEADING AUTHORITIES ON ENVIRONMENTAL TOXICANTS PROVIDE INFORMATION OF VITAL INTEREST TO EVERYONE CONCERNED WITH A BETTER UNDERSTANDING OF THE SIGNIFICANCE OF CONTAMINATION AND THE PREVENTION OF POLLUTION. IDENTIFYING CONTAMINANTS AND THEIR PROPERTIES, INCLUDING RECEPTOR SENSITIVITY, THE BOOK DESCRIBES THE TOXICOLOGY OF ENVIRONMENTAL POLLUTANTS, PARTICULARLY PESTICIDES. COVERING POLLUTION OF FRESH WATERWAYS, ESTUARINE BODIES, AND FINISHED AND POTABLE WATERS, IT SHOWS THE SOURCES OF THESE FORMS OF POLLUTION, ALONG WITH POSSIBLE EFFECTS AND SOLUTIONS.

EPAW01664

FINANCING AND CHARGES FOR WASTEWATER SYSTEMS
AUTHOR(S): WPCF
APWA
SOURCE(S): WPCF
APWA
COST: 4.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M P
COPYRIGHT: C
DATE: 73-00
SUBJECT AREAS:
WASTEWATER TREATMENT
COLLECTION SYSTEMS
BUDGET AND ACCOUNTING
LAWS AND REGULATIONS
COSTS
RECORD KEEPING
REMARKS AND ABSTRACT:
COVERS THE FINANCING OF AND ESTABLISHMENT OF CHARGES FOR SEWER SYSTEMS AND ALSO DISCUSSES ORGANIZATIONAL ARRANGEMENTS FOR PROVIDING COLLECTION SERVICES; FAIR ALLOCATION OF RENEWAL REQUIREMENTS; AND PRESENT PRACTICES IN RAISING ANNUAL REVENUE REQUIREMENTS.

EPAW01665

J W P C F ANNUAL LITERATURE REVIEW
AUTHOR(S): WPCF
SOURCE(S): WPCF
COST: 11.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L M O P S
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES
WASTEWATER TREATMENT
REMARKS AND ABSTRACT:
THE JWPCF ANNUAL LITERATURE REVIEW IS PUBLISHED AS THE JUNE ISSUE OF THE JOUR.WATER POLL. CONTROL FED. IT CONTAINS CONCISE DESCRIPTIONS AND FULL BIBLIOGRAPHIC CITATIONS OF PAPERS RELATING TO WATER POLLUTION AND ITS CONTROL DURING THE PREVIOUS YEAR.

EPAW01666

EXTENDED AERATION TRAINING MODULE 01
AUTHOR(S): WPCF
SOURCE(S): WPCF
COST: 65.00 P
TYPE(S): PM SL AR
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 70-00
SUBJECT AREAS:
BIOLOGICAL TREATMENT
OPERATIONS (WASTEWATER)
MAINTENANCE (WASTEWATER)
AERATION
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
MTM-01
CONSISTS OF AN AUDIO-VISUAL PRESENTATION AND EXERCISE BOOKLET DESIGNED FOR THE OPERATOR OF PACKAGE EXTENDED AERATION PLANTS. BASIC THEORY OF PROPER OPERATION AND MAINTENANCE ARE EXPLAINED.

EPAW01691
MAN AND A RIVER
AUTHOR(S): EPA
SOURCE(S): NATL AVC
SUBJECT AREAS:
RIVERS
COST: 64.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR; TITLE NO. 000690.
DEPICTS A RIVER AND A MAN IN LOVE WITH IT. THE RIVER IS THE BUFFALO, AND THE MAN IS THOMAS HART BENTON, AMERICAN PAINTER, CONSERVATIONIST, AND RACONTEUR.

EPAW01692
QUESTION OF VALUES (OUT OF PRINT)
AUTHOR(S): OPA
SOURCE(S): NATL AVC EPA R
SUBJECT AREAS:
COST: 0.00
TYPE(S): MP
LEVEL:
CATEGORIES:
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 28MIN., COLOR; FREE RENTAL FROM EPA-R

EPAW01693
TOM LEHRER SINGS POLLUTION
AUTHOR(S): EPA
SOURCE(S): EPA R4A
SUBJECT AREAS:
WATER QUALITY
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM., 3 MIN., COLOR.
PRESENTS TOM LEHRER SINGING CALYPSO-TYPE LYRICS DESCRIBING THE EXTENT AND THE THREAT OF AIR AND WATER POLLUTION IN THE UNITED STATES, WHILE THE CAMERA SCANS SCENES OF FILTH, GARBAGE, SMOKE, DIRTY WATER, AND INDUSTRIAL WASTE.

EPAW01657
FEDERAL GUIDELINES FOR OPERATION AND MAINTENANCE OF WASTEWATER TREATMENT FACILITIES
AUTHOR(S): EPA
SOURCE(S): EPA1
SUBJECT AREAS:
PLANT PERFORMANCE
OPERATIONS (WASTEWATER)
PROCESS CONTROL
BUDGET AND ACCOUNTING
WASTEWATER TREATMENT PLANTS
MAINTENANCE (WASTEWATER)
MANUALS
NPDES PERMITS
RECORD KEEPING
BUDGET AND ACCOUNTING
LAWS AND REGULATIONS
SAFETY
COST: 0.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: O P S
COPYRIGHT:
DATE: 74-08
REMARKS AND ABSTRACT:
26PP.
"THIS SUPPLEMENT UPDATES AND REPLACES PAGES 31-46 OF THE 'FEDERAL GUIDELINES-DESIGN, OPERATION AND MAINTENANCE OF WASTE WATER TREATMENT FACILITIES', DATED SEPTEMBER 1970". DESIGNED TO ASSIST COMPLIANCE WITH 1972 WATER AMENDMENT ACT, TITLE II, CONSTRUCTION GRANTS. BIBLIOGRAPHY.

EPAWC171C
COMMUNICATING WITH A GROUP
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
PUBLIC SPEAKING
COST: 50.00 R
INSTRUCTION
TYPE(S): PM
LEVEL: 2
PUBLIC SPEAKING
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 23 MIN., COLOR.
SHOWS HOW TO IMPROVE THE ABILITY OF SUPERVISORS, MANAGERS, AND SALESMEN TO COMMUNICATE WITH AND ADDRESS A GROUP. PROBLEMS SUCH AS NONPARTICIPATION, HECKLING, HANDING OUT AND COLLECTING AIDS, OVERCOMING OBJECTIONS TO TRAINING AND MAINTAINING INTEREST.

EPAWC1711
CONFLICT
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
COST: 50.00 R
PERSONNEL
TYPE(S): MP
LEVEL: 2
MANAGEMENT
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 34 MIN., COLOR.
A TWO-PART FILM DESIGNED TO DEVELOP AN AWARENESS AND UNDERSTANDING OF THE CAUSES AND CONSEQUENCES OF INTER-PERSONAL CONFLICT. IT WILL HELP MANAGERS AND SUPERVISORS RECOGNIZE CONFLICT, WHILE IMPROVING THEIR ABILITY TO DEAL WITH, AND RESOLVE IT IN A VARIETY OF WAYS THAT WILL ELIMINATE WASTED EFFORT AND IMPROVE UNDERSTANDING AND JOB PERFORMANCE.

EPAWC1712
CORRECT WAY OF CORRECTING
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS COMMUNICATION
COST: 50.00 R
TYPE(S): PM
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 24 MIN., COLOR; 48PP. LEADERS GUIDE.
SHOWS POSITIVE TECHNIQUES FOR CORRECTION THAT WILL IMPROVE PERFORMANCE, COMMUNICATION AND UNDERSTANDING, AND LOWER EMPLOYEE TURNOVER.

EPAWC1713
COUNSEL INTERVIEW
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
SUPERVISION
COST: 50.00 R
JOB ANALYSIS
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR.
ESTABLISHES SIX STEPS TO BETTER COUNSELING INTERVIEWS: DECIDING TO HOLD AN INTERVIEW, GETTING THE FACTS, AGREEING ON THE CAUSE OF THE PROBLEM, ALLOWING THE INTERVIEWEE TO SPEAK FOR HIMSELF, DECIDING ON A COURSE OF ACTION, AND ENDING WITH POSITIVE AGREEMENT.

EPAW01714
DISCIPLINE INTERVIEW
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
COMMUNICATION
16MM, 16 MIN., COLOR.
GIVES SUPERVISORS A PRACTICAL EXAMPLE OF HOW TO HANDLE THE DISCIPLINE INTERVIEW IN A WAY THAT WILL INCREASE PERFORMANCE, PRODUCTION, UNDERSTANDING AND COOPERATION.

EPAW01715
HIDDEN SIDE OF SELLING
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
PUBLIC RELATIONS
PUBLIC SPEAKING
16MM, 34 MIN., COLOR.
TRAINS SALESMEN TO BE MORE EFFECTIVE WITH ALL TYPES OF CUSTOMERS AND TO CLOSE MORE SALES. PRESENTS PRACTICAL METHODS EVERY SALESMAN CAN USE TO IMPROVE HIS SELLING ABILITIES. SHOWS HOW TO FIND COMMON AREAS OF INTEREST AND HANDLE "TOUGH" CUSTOMERS, HOW TO GET A CUSTOMER TO ANSWER HIS OWN OBJECTIONS AND LEAD HIM TOWARD A BUYING DECISION. INDECISIVE, SILENT, AGGRESSIVE, COMPLAINING, AUTHORITATIVE, AND DECEIVINGLY AGREEABLE TYPES OF CUSTOMERS ARE SHOWN ALONG WITH TECHNIQUES FOR HANDLING THEM.

EPAW01716
I LL BUY THAT
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
PUBLIC RELATIONS
16MM, 30 MIN., COLOR; "I'LL BUY THAT" TRAINING PACKAGE (EPAW01717) AND POSTERS (EPAW01718) RECOMMENDED.
TEACHES SALESMEN THE PSYCHOLOGICAL BASICS OF A CUSTOMER ORIENTED APPROACH TO SELLING.

EPAW01717
I LL BUY THAT LEARNING PACKAGE
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
INSTRUCTION
REMARKS AND ABSTRACT:
COST: 10.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
PUBLIC RELATIONS
COMMUNICATION
INCLUDES ONE SESSION PLANNER, 20 STUDY GUIDES AND ONE POSTER. COMPANION FILM: "I'LL BUY THAT" (EPAW01716).
TESTS SALESMEN'S KNOWLEDGE, TEACHES THEM NEW TECHNIQUES, AND REINFORCES THE CONCEPTS OF A CUSTOMER ORIENTED SELLING.

EPAWC1718
I LL BUY THAT POSTER
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 2.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
INSTRUCTION
PUBLIC RELATIONS
REMARKS AND ABSTRACT:
PACKAGE OF 5 POSTERS.
TO BE USED WITH THE FILM: "I'LL BUY THAT" (EPAW01716).

EPAW01719
EFFECTIVE SELLING THROUGH PSYCHOLOGY
AUTHOR(S): BUZZOTTA V R
LEFTON R E
SOURCE(S): ROUNDTABLE
COST: 9.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS INSTRUCTION
COMMUNICATION
REMARKS AND ABSTRACT:
432PP., ILLUS.; AUTH: SHERBERG M.; COMPANION FILM: "I'LL BUY THAT" (EPAW1716).
PRESENTS EFFECTIVE SALES, SALES TRAINING, AND MANAGEMENT TECHNIQUES THAT ARE BASED ON SCIENTIFIC DATA, RATHER THAT HUNCHES AND CLICHES. IT'S A SYSTEMATIC TREATMENT OF WHY SALESMEN, CUSTOMERS, AND SALES MANAGERS BEHAVE AS THEY DO. IT'S BASED ON THE LATEST FINDINGS FROM THE FIELD OF BEHAVIORAL SCIENCE.

EPAW01720
RIGHT FIRST TIME
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 35.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
QUALITY CONTROL
STANDARDS
INSTRUCTION
REMARKS AND ABSTRACT:
16MM, 30 MIN., BLACK & WHITE.
STRESSES THE IMPORTANCE OF THE STEPS TAKEN IN SETTING STANDARDS, TRAINING INSPECTORS, MAKING CONTROL CHARTS AND DETERMINING THE CAPABILITIES OF MANUFACTURING MACHINES. THE IMPORTANCE OF QUALITY CONTROL FROM MARKET RESEARCH THROUGH DESIGN, RAW MATERIAL PROCUREMENT, PRODUCTION ENGINEERING, MANUFACTURING PACKAGING, DISTRIBUTION, AND CUSTOMER FEEDBACK IS ILLUSTRATED.

EPAW01721
REWARDS OF REWARDING
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
SUBJECT AREAS:
PERSONNEL
HUMAN REL AND PSYCHOL ASPECTS INSTRUCTION
COMMUNICATION
REMARKS AND ABSTRACT:
16MM, 24 MIN., COLOR; 49PP. LEADERS GUIDE.
SHOWS SOUND PSYCHOLOGICAL BEHAVIOR TECHNIQUES FOR IMPROVING PERSONNEL RELATIONS, DECREASING TURNOVER, INCREASING PRODUCTIVITY, AND CONTRIBUTING TO A SMOOTHER, MORE EFFICIENT RUNNING ORGANIZATION.

EPAW01722 DATE: 76-99
TROUBLE SHOOTING
AUTHOR(S): ROUNDTABLE TYPE(S): MP CATEGORIES: M
SOURCE(S): ROUNDTABLE COST: 50.00 R LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
TROUBLESHOOTING CORRECTIVE MAINTENANCE
REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR; MEMORY CARDS AND A PROGRAMMED LEARNING BOOK ARE AVAILABLE AND RECOMMENDED. SHOWS STEPS TO FOLLOW IN ORDER TO PINPOINT WITH CONFIDENCE WHERE THE TROUBLE LIES AND TO REPAIR IT, ENSURING THAT IT WON'T HAPPEN AGAIN.

EPAW01729 DATE: 68-12
DETERMINATION OF CARBONACEOUS OXYGEN DEMAND
AUTHOR(S): POLLISCH D P TYPE(S): PM CATEGORIES: T M
SOURCE(S): DRBC COST: 0.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
BIOCHEMICAL OXYGEN DEMAND GRAPHICAL METHODS MATHEMATICS MONITORING
SAMPLING
REMARKS AND ABSTRACT:
A BRIEF DISCUSSION IS PRESENTED OF THE FIRST ORDER EQUATION OF THE BIOCHEMICAL OXIDATION OF ORGANIC MATERIAL AND ITS SOLUTION FOR K1, THE DEOXYGENATION RATE CONSTANT, AND LA, THE CARBONACEOUS, OR FIRST STAGE OXYGEN DEMAND, WHICH IS THE TOTAL THEORETICAL DEMAND IF BIOCHEMICAL OXIDATION WERE CARRIED TO COMPLETION WITHOUT NITRIFICATION.

EPAW01730 DATE: 73-01
STUDY OF THE PHYTOPLANKTON IN THE DELAWARE RIVER BASIN STREAMS IN NEW YORK STATE
AUTHOR(S): SCHUMACHER G J WAGER D B TYPE(S): PM CATEGORIES: M
SOURCE(S): DRBC COST: 2.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ALGAE AQUATIC GROWTHS AQUATIC MICROBIOLOGY NITRATES
PH PHOSPHATES TEMPERATURE PLANKTON
RESERVOIRS RIVERS SURVEYS
REMARKS AND ABSTRACT:
A SURVEY OF THE PLANKTONIC ALGAE AT 25 STATIONS IN THE UPPER DELAWARE RIVER BASIN WAS CONDUCTED FROM MAY 1971 THROUGH JUNE 1972. WHILE LOCALIZED PROBLEMS OF POLLUTION AND EUTROPHICATION DO EXIST, WATER QUALITY IS GOOD OVERALL. RESERVOIR WERE FOUND TO ACT AS NUTRIENT BANKS. THE FEW SPECIES SUCCESSFUL IN LEAVING THE RESERVOIRS BECAME INSIGNIFICANT MEMBERS OF THE PLANKTON WITHIN A FEW MILES. THE WEST BRANCH DELAWARE RIVER AND NEVERSINK RIVER WERE HIGHEST IN PHOSPHATES AND NITRATES. THE EAST BRANCH DELAWARE RIVER, LACKAWAXEN RIVER, AND BEAVER KILL HAD LOW LEVELS.

EPAW01731 DATE: 70-00
WATER QUALITY OF THE DELAWARE RIVER ESTUARY JULY THRU DECEMBER 1967
AUTHOR(S): DRBC TYPE(S): PM CATEGORIES: M
SOURCE(S): DRBC USGS COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
DATA EVALUATION ESTUARIES MONITORING SAMPLING
STATISTICAL DATA SURVEYS
REMARKS AND ABSTRACT:
RESULTS ARE PRESENTED OF WEEKLY SURVEYS OF THE DELAWARE ESTUARY. SAMPLES WERE TAKEN AT 17 LOCATIONS AND ANALYZED FOR TEMPERATURE, DO, BOD, ORP, CL, NITROGEN BALANCE, PHOSPHATE, CHLOROPHYL, BACTERIA, PH, ACIDITY, ALK, HARDNESS, FE, ZN, CR CU, NI, TURBIDITY, AND SOLIDS BALANCE. STATISTICAL SUMMARIES ENCOMPASSING MAX, MIN, MEAN, STD. DEV., AND STD ERROR ARE PRESENTED FOR THE PERIODS JUNE 16 TO SEPT 16 TO DEC 31, AND JUNE 16 TO DEC 31, 1967.

EPAW01732

WATER QUALITY OF THE DELAWARE RIVER ESTUARY 1968 DATE: 74-00
AUTHOR(S): DRBC
SOURCE(S): DRBC USGS COST: 0.00 P TYPE(S): PM CATEGORIES: M
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
DATA EVALUATION ESTUARIES MONITORING SAMPLING
STATISTICAL DATA SURVEYS
REMARKS AND ABSTRACT:
RESULTS ARE PRESENTED OF WEEKLY SURVEYS OF THE DELAWARE ESTUARY. SAMPLES WERE TAKEN AT 17 LOCATIONS AND ANALYZED FOR TEMP, DC, BOD, ORP, CL, NITROGEN BALANCE, PHOSPHATE, CHLOROPHYL, BACTERIA, PH, ACIDITY, ALK, HARDNESS, FE, ZN, CR, CU, NI, TURBIDITY, AND SOLIDS BALANCE. STATISTICAL SUMMARIES ENCOMPASSING MAX, MIN, MEAN, STD DEV, AND STD ERROR ARE PRESENTED FOR THE PERIODS JAN 1 TO MAR 31, APRIL 1 TO JUNE 15, JUNE 16 TO SEPT 15, SEPT 16 TO DEC 31, AND JAN 1 TO DEC 31, 1968.

EPAW01733

WATER QUALITY OF THE DELAWARE RIVER ESTUARY 1969 DATE: 74-00
AUTHOR(S): DRBC
SOURCE(S): DRBC USGS COST: 0.00 P TYPE(S): PM CATEGORIES: M
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
DATA EVALUATION ESTUARIES MONITORING SAMPLING
STATISTICAL DATA SURVEYS
REMARKS AND ABSTRACT:
RESULTS ARE PRESENTED OF WEEKLY SURVEYS OF THE DELAWARE ESTUARY. SAMPLES WERE TAKEN AT 17 LOCATIONS AND ANALYZED FOR TEMP, DO, BOD, ORP, CL, NITROGEN BALANCE, PHOSPHATE, CHLOROPHYL, BACTERIA, PH, ACIDITY, ALK, HARDNESS, FE, ZN, CR, CU, NI, TURBIDITY, AND SOLIDS BALANCE. STATISTICAL SUMMARIES ENCOMPASSING MAX, MIN, MEAN, STD DEV, AND STD ERROR ARE PRESENTED FOR THE PERIODS JAN 1 TO MAR 31, APRIL 1 TO JUNE 15, JUNE 16 TO SEPT 15, SEPT 16 TO DEC 31, AND JAN 1 TO DEC 31, 1969.

EPAW01734

WATER QUALITY OF THE DELAWARE RIVER ESTUARY 1970 DATE: 74-00
AUTHOR(S): DRBC
SOURCE(S): DRBC USGS COST: 0.00 P TYPE(S): PM CATEGORIES: M
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
DATA EVALUATION ESTUARIES MONITORING SAMPLING
STATISTICAL DATA SURVEYS
REMARKS AND ABSTRACT:
RESULTS ARE PRESENTED OF WEEKLY SURVEYS OF THE DELAWARE ESTUARY. SAMPLES WERE TAKEN AT 17 LOCATIONS AND ANALYZED FOR TEMP, DC, BOD, ORP, CL, NITROGEN BALANCE, PHOSPHATE, CHLOROPHYL, BACTERIA, PH, ACIDITY, ALK, HARDNESS, FE, ZN, CR, CU, NI, TURBIDITY, AND SOLIDS BALANCE. STATISTICAL SUMMARIES ENCOMPASSING MAX, MIN, MEAN, STD DEV, AND STD ERROR ARE PRESENTED FOR THE PERIODS JAN 1 TO MAR 31, APRIL 1 TO JUNE 15, JUNE 16 TO SEPT 15, SEPT 16 TO DEC 31, AND JAN 1 TO DEC 31, 1970.

EPAW01735 DATE: 68-02

LEHIGH RIVER BIOLOGICAL INVESTIGATION
AUTHOR(S): POLLISON D P — CRAIGHEAD W M
SOURCE(S): DRBC
COST: 1.25 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M P
COPYRIGHT:

SUBJECT AREAS:
ACIDITY
AQUATIC GROWTHS
BIOLOGICAL ANALYSIS
DATA EVALUATION
DISSOLVED OXYGEN
TOXICITY TO FISH
BIOASSAY
ALKALINITY
PH
SURVEYS
STREAMS
MONITORING
RIVERS

REMARKS AND ABSTRACT:
FIELD STUDIES OF THE LEHIGH RIVER WERE CONDUCTED IN 1965 AND 1966 TO DETERMINE THE RELATIONSHIP BETWEEN WATER QUALITY AND BIOLOGICAL PRODUCTIVITY. SAMPLING ENCOMPASSED FISH, AQUATIC VASCULAR PLANTS, MACROINVERTEBRATES, INSTREAM BIOASSAYS AND STANDARD SHYSICAL AND CHEMICAL PROPERTIES OF WATER. THE MIDDLE REACH OF THE LEHIGH WAS DEGRADED BY ACID MINE DRAINAGE AND THE LOWEST REACH WAS DEGRADED BY INDUSTRIAL AND MUNICIPAL WASTES.

EPAWC1736 DATE: 73-07

PETROLEUM PIPELINES IN THE DELAWARE RIVER BASIN
AUTHOR(S): DRBC
SOURCE(S): DRBC
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M P
COPYRIGHT:

SUBJECT AREAS:
EMERGENCY OPERATIONS (WASTE) EMERGENCY RESPONSE PROGRAMS FUELS

REMARKS AND ABSTRACT:
REVISED 7406
A SET OF MAPS SHOWING THE LOCATION OF PETROLEUM PIPELINES IN THE DELAWARE RIVER BASIN IN RELATION TO SIGNIFICANT STREAMS AND OTHER BODIES OF WATER. TWO MAPS AT A SCALE OF 1:250000, THREE DETAIL MAPS AT A SCALE OF 1:24000 FOR THE PHILADELPHI METROPOLITAN AREA, AN INDEX MAP, AND AN ADDENDUM WITH REVISIONS THROUGH JUNE 1974 ARE INCLUDED.

EPAW01738 DATE: 76-99

PRINCIPLES OF SAMPLE HANDLING AND SAMPLING SYSTEMS DESIGN FOR PROCESS ANALYSIS
AUTHOR(S): ISA
SOURCE(S): ISA
COST: 10.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D M O P S
COPYRIGHT:

SUBJECT AREAS:
PROCESS CONTRCL
INSTRUMENTATION (PLANT)
SAMPLING

REMARKS AND ABSTRACT:
CRDCR NO. HB9
A COMPREHENSIVE MONOGRAPH COVERING AREAS DIRECTLY CONNECTED WITH PROCESS ANALYSIS AND PROVIDES INFORMATION FOR PROCESS STREAM APPLICATION.

EPAW01739 DATE: 74-05

MATCHING THE APPLICANT TO THE JOB
AUTHOR(S): SBA — RABE W F
SOURCE(S): SBA
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:

SUBJECT AREAS:
JOB ANALYSIS

REMARKS AND ABSTRACT:
MA NO. 185, 4 PP.
STEPS HELPFUL IN DEVELOPING AN INTERVIEW SO AS TO ASK THE QUESTIONS NECESSARY FOR GETTING PERTINENT INFORMATION FROM AN APPLICANT.

EPAWC174C
CHECKLIST FOR DEVELOPING A TRAINING PROGRAM (OUT OF PRINT)
AUTHOR(S): SBA
SOURCE(S): SBA
SUBJECT AREAS:
INSTRUCTION
REMARKS AND ABSTRACT:
(186)
COST: 0.00 P
CURRICULUM DEVELOPMENT
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW01741
DELEGATING WORK AND RESPONSIBILITY
AUTHOR(S): WANTOLA S
SOURCE(S): SBA
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
MA NO. 191, 6 PP.
DISCUSSES CONTROLLING THOSE WHO CARRY RESPONSIBILITY AND AUTHORITY AND COACHING THEM IN SELF-IMPROVEMENT. IT EMPHASIZES THE IMPORTANCE OF ALLOWING COMPETENT ASSISTANTS TO PERFORM IN THEIR OWN STYLE RATHER THAN INSISTING THAT THINGS BE DONE EXACTLY AS THE OWNER-MANAGER WOULD PERSONALLY DO THEM.
SBA
COST: 0.00 P
JOB ANALYSIS
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 74-02

EPAW01742
POINTERS ON PREPARING AN EMPLOYEE HANDBOOK
AUTHOR(S): CRUGER F M
SOURCE(S): SBA
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
MA NO. 197, 7 PP.
POINTS OUT THAT A SUCCESSFUL HANDBOOK SHOULD INCLUDE WHAT EMPLOYEES NEED TO KNOW AS WELL AS WHAT THE OWNER-MANAGER WANTS THEM TO KNOW. SUGGESTIONS ARE GIVEN ON SUBJECTS TO INCLUDE, ON PRESENTATION, AND ON FORMAT.
SBA
COST: 0.00 P
MANUALS
TECHNICAL WRITING
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 72-12

EPAW01743
HOW TO FIND A LIKELY SUCCESSOR
AUTHOR(S): ROBINSON J A
SOURCE(S): SBA
SUBJECT AREAS:
DECISION MAKING
REMARKS AND ABSTRACT:
MA NO. 198, 7 PP.
SUGGESTIONS FOR THE OWNER-MANAGER IN FINDING A SUCCESSOR AND EMPHASIZING THE ADVANTAGES WHICH HIS SMALL BUSINESS OFFERS A TOP MANAGEMENT MAN.
SBA
COST: 0.00 P
PERSONNEL
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 74-04

EPAW01744 DATE: 76-99
DISCOVER AND USE YOUR PUBLIC LIBRARY (OUT OF PRINT)
AUTHOR(S): SBA
SOURCE(S): SBA
SUBJECT AREAS:
INFORMATION SYSTEMS
REMARKS AND ABSTRACT:
(202)
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:

EPAW01745 DATE: 74-06
PREVENTING EMPLOYEE PILFERAGE
AUTHOR(S): ASTOR S D
SOURCE(S): SBA
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
MA NO. 209, 7 PP.
INCLUDES STEPS FOR SETTING UP A SYSTEM OF LOSS PREVENTION (DEVICES AND PROCEDURES), ADMINISTERING THE SYSTEM RIGIDLY, AND AUDITING IT OFTEN TO DISCOURAGE DISHONEST EMPLOYEES WHO TRY TO BYPASS THE SYSTEM.
SBA
COST: 0.00 P
PERSONNEL
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:

EPAW01746 DATE: 76-99
RECORDS RETENTION NORMAL AND DISASTER (OUT OF PRINT)
AUTHOR(S): SBA
SOURCE(S): SBA
SUBJECT AREAS:
RECORD KEEPING
REMARKS AND ABSTRACT:
(210)
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:

EPAW01747 DATE: 74-02
EQUIPMENT REPLACEMENT DECISION
AUTHOR(S): MAYER R R
SOURCE(S): SBA
SUBJECT AREAS:
COSTS
REMARKS AND ABSTRACT:
MA NO. 212, 6 PP.
DISCUSSES THE ELEMENTS INVOLVED IN MAKING A COST COMPARISON. EXAMPLES ARE USED TO ILLUSTRATE THE GATHERING AND USE OF THE APPROPRIATE COST FIGURES.
SBA
COST: 0.00 P
EQUIPMENT (PLANT)
TYPE(S): PM
LEVEL: 3
CATEGORIES: P S
COPYRIGHT:

EPAW01748 DATE: 76-99
SELECTING EMPLOYEE BENEFIT PLANS (OUT OF PRINT)
AUTHOR(S): SBA
SOURCE(S): SBA
SUBJECT AREAS:
PERSONNEL
REMARKS AND ABSTRACT:
(213)
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:

EPAW01749
METRIC SYSTEM AND SMALL BUSINESS
AUTHOR(S): BARBROW L E
SOURCE(S): SBA
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
PA NO. 214, 11 PP.
DISCUSSES THE MATTER OF THE UNITED STATES CHANGING TO THE METRIC SYSTEM OF MEASUREMENT.
SBA
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 73-05

EPAW01750
HOW TO PREPARE A PRE AWARD SURVEY
AUTHOR(S): HOFFMAN D
SOURCE(S): SBA
SUBJECT AREAS:
AGREEMENTS AND CONTRACTS
REMARKS AND ABSTRACT:
PA NO. 215, 7 PP.
DISCUSSES THE VARIOUS ASPECTS OF THE PRE-AWARD SURVEY AND OFFERS SUGGESTIONS WHICH SHOULD HELP AN OWNER-MANAGER IN PREPARING FOR SUCH A SURVEY.
SBA
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 72-09

EPAW01752
NOISE REDUCTION IN THE SMALL SHOP (OUT OF PRINT)
AUTHOR(S): SBA
SOURCE(S): SBA
SUBJECT AREAS:
NOISE POLLUTION
REMARKS AND ABSTRACT:
(61)
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW01753
POINTERS FOR DEVELOPING YOUR TOP ASSISTANT (OUT OF PRINT)
AUTHOR(S): SBA
SOURCE(S): SBA
SUBJECT AREAS:
JOB ANALYSIS
REMARKS AND ABSTRACT:
(101)
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW01754
FINDING AND HIRING THE RIGHT EMPLOYEE (OUT OF PRINT)
AUTHOR(S): SBA
SOURCE(S): SBA
SUBJECT AREAS:
JOB ANALYSIS
REMARKS AND ABSTRACT:
(106)
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAWC1755
WATER QUALITY PARAMETERS DATE: 75-06
AUTHOR(S): ASTM TYPE(S): PM CATEGORIES: M O T
SOURCE(S): ASTM COST: 29.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:

ANALYTICAL TECHNIQUES	HEAVY METALS	TRACE METALS	MERCURY
HAZARDOUS POLLUTANTS	CHROMATOGRAPHY	SAMPLING	AGROCHEMICALS
BIOLOGICAL ANALYSIS	ALGAE	REMOTE SENSING	MONITORING
WATER QUALITY			

REMARKS AND ABSTRACT:
PUBL NO. 04-573000-15, 590 PP.
ORGANIZED TO PROVIDE A SUITABLE FORUM FOR THE EVER-INCREASING NUMBER OF SCIENTISTS IN GOVERNMENT, INDUSTRY, AND UNIVERSITIES CONCERNED WITH THE DEVELOPMENT OR APPLICATION OR BOTH OF ANALYTICAL METHODS OF DETECTING AAND MEASURING WATER POLUTANTS AND TO PROVIDE INFORMATION ON THEIR LATEST FINDINGS AND PRACTICES.

EPAWC1756
WATER POLLUTION ASSESSMENT AUTOMATIC SAMPLING AND MEASUREMENT DATE: 75-08
AUTHOR(S): ASTM TYPE(S): PM CATEGORIES: D M O T
SOURCE(S): ASTM COST: 6.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:

SAMPLING	MONITORING	AGROCHEMICALS	SUSPENDED MATTER
REMOTE SENSING			

REMARKS AND ABSTRACT:
PUBL NO. 04-582000-16, 126 PP.
TTHIS SYMPOSIUM WAS DESIGNED TO PRESENT THE STATE-OF-THE-ART OF AUTOMATIC SAMPLING AND MEASUREMENT INSTRUMENTATION, PRIMARILY FROM THE VIEWPOINT OF THE USER OF SUCH EQUIPMENT.

EPAWC1760
STUDY GUIDE FOR SEWAGE PLANT OPERATORS DATE: 54-CC
AUTHOR(S): FL WPCOA TYPE(S): PM CATEGORIES: E O
SOURCE(S): FL WPCOA COST: 3.50 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:

WASTEWATER CHARACTERISTICS	PRIMARY TREATMENT	SLUDGE TREATMENT	SECONDARY TREATMENT
ACTIVATED SLUDGE	SAMPLING	COLLECTION SYSTEMS	RECORD KEEPING
SAFETY	ANALYTICAL TECHNIQUES	MATHEMATICS	

REMARKS AND ABSTRACT:
THIS MANUAL IS FOR USE AS AN INTRODUCTION TO THE POTABLE WATER FIELD ONLY.

EPAWC1761
BASIC THEORY OF WATER POLLUTION CONTROL DATE: 76-99
AUTHOR(S): BOGGS R W TYPE(S): PM CATEGORIES: E O
SOURCE(S): FL WPCOA COST: 4.25 P LEVEL: COPYRIGHT:
SUBJECT AREAS:

WASTEWATER CHARACTERISTICS	MATHEMATICS	HYDRAULICS	SAFETY
BACTERIA	CHEMISTRY	CHLORINE	SAMPLING
BIOCHEMICAL OXYGEN DEMAND	WATER QUALITY	COLLECTION SYSTEMS	MAINTENANCE
WASTEWATER TREATMENT			

REMARKS AND ABSTRACT:
REFERENCE MATERIAL

EPAW01762
PH METER LABORATORY OPERATION DATE: 74-00
AUTHOR(S): EPA TYPE(S): PM SL AC CATEGORIES: M
SOURCE(S): EPA2 COST: 0.00 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
PH
REMARKS AND ABSTRACT:
UNIT: XT-69, 11 MIN TAPE, 50 SL, SCRIPT.
INTRODUCTION TO THE THEORETICAL CONCEPTS OF PH MEASUREMENT. DESIGNED TO BE SHOWN AS SUPPLEMENTAL INFORMATION FOR PLANT OPERATORS. SEQUENCE SHOWS SET-UP, CALIBRATION AND OPERATIONAL PROCEDURES FOR PORTABLE TYPE PH METER.

EPAW01765
DETERMINATION OF DISSOLVED OXYGEN POLAROGRAPHIC PROBE METHOD DATE: 74-00
AUTHOR(S): EPA TYPE(S): PM SL AC CATEGORIES: M
SOURCE(S): EPA2 COST: 0.00 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
DISSOLVED OXYGEN INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
UNIT: XT-83,6 MIN TAPE, 30 SL, SCRIPT.
BASIC PROCEDURE FOR SET-UP, CALIBRATION AND USE OF YSL OXYGEN METER FOR THE DETERMINATION OF DISSOLVED OXYGEN IN A SAMPLE OF WASTEWATER TREATMENT PLANT EFFLUENT. DESIGNED TO BE SHOWN AS SUPPLEMENTAL INFORMATION FOR LABORATORY SESSION ON DISSOLVED OXYGEN MEASUREMENTS IN ENVIRONMENTAL MONITORING PROCEDURES COURSE.

EPAW01766
ANALYSIS AND CONTROL OF THERMAL POLLUTION DATE: 74-08
AUTHOR(S): HYLAND J R EPA TYPE(S): PM CATEGORIES: T
SOURCE(S): NTIS COST: 7.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
AQUATIC PLANTS THERMAL POLLUTION INDUSTRIAL WASTES BIOCHEMICAL OXYGEN DEMAND
LAKES AQUATIC ANIMALS
REMARKS AND ABSTRACT:
(EPA-430/1-74-010) (PB-237-617/6ST) 199 PP.
TRAINING COURSE MANUAL WITH 31 OUTLINES CONCERNING THERMAL POLLUTION. TOPICS INCLUDED ARE: SOURCES OF THERMAL POLLUTION; EFFECTS ON VARIOUS ORGANISMS; PHYSICAL AND CHEMICAL CHANGES FROM TEMPERATURE; MONITORING TECHNIQUES; TEMPERATURE PREDICTION THEORIES; HEAD DISSIPATION; THERMAL POLLUTION CONTROL METHODS. REFERENCES INCLUDED ON EACH TOPIC.

EPAW01767
CURRENT PRACTICE IN WATER MICROBIOLOGY DATE: 74-09
AUTHOR(S): RUSSOMANNO R EPA TYPE(S): PM CATEGORIES: M
SOURCE(S): NTIS COST: 9.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
AQUATIC MICROBIOLOGY MEMBRANE FILTRATION DILUTION BACTERIA
REMARKS AND ABSTRACT:
(EPA-430/1-74-009) (PB-235-902/4ST) 335 PP.
CONTAINS OUTLINES WHICH PROVIDE A BASIC KNOWLEDGE AND UNDERSTANDING OF BACTERIAL INDICATORS OF WATER QUALITY AND METHODS FOR THEIR DETECTION, MEASUREMENT, AND EVALUATION IN ENVIRONMENTAL WATERS. SURVEY TECHNIQUES ARE DISCUSSED WITH EMPHASIS ON THE ROLE OF THE MICROBIOLOGIST IN BOTH SHORT AND LONG TERM ORGANIZED SURVEILLANCE REQUIREMENTS. MULTIPLE DILUTION TUBE AND MEMBRANE FILTER TECHNIQUES ARE DISCUSSED AND THESE AND ALL ALLIED LABORATORY PROCEDURES ARE COVERED WITH ADHERENCE TO THE LATEST EDITION OF "STANDARD METHODS FOR WATER AND WASTEWATER".

EPAW01768

WATER QUALITY STUDIES — DATE: 74-05

AUTHOR(S): SPONAGLE C F — EPA — TYPE(S): PM — CATEGORIES: T P L
SOURCE(S): NTIS — COST: 11.50 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:

WATER QUALITY	STREAMS	PLANNING	CHEMISTRY
DISSOLVED OXYGEN	DATA EVALUATION	BACTERIA	BIOCHEMICAL OXYGEN DEMAND
LAWS AND REGULATIONS	BIOASSAY	ENVIRONMENTAL CONTROL	AQUATIC PLANTS
SAMPLING			

REMARKS AND ABSTRACT:
(EPA-430/1-74-007) (PB-237-586/3ST) 452 PP.
CONSISTS OF A SERIES OF OUTLINES ON VARIOUS TOPICS ASSOCIATED WITH THE PLANNING AND CONDUCT OF STREAM MONITORING AND SURVEILLANCE PROGRAMS.

EPAW01769

GEOHYDROLOGIC RELATIONSHIPS IN WATER POLLUTION — DATE: 74-07

AUTHOR(S): HYLAND J R — EPA — TYPE(S): PM — CATEGORIES: T
SOURCE(S): NTIS — COST: 4.75 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:

HYDROLOGY	GROUNDWATER	WATER SUPPLY	AQUIFERS
WATER WELLS	BACTERIA	WATER QUALITY	

REMARKS AND ABSTRACT:
(EPA-430/1-74-006) (PB-235-884/4ST) 98 PP.
PRESENTS A COURSE MANUAL WHICH OUTLINES CONCERN GROUNDWATER QUALITY CONTROL. TOPICS INCLUDED ARE: PRINCIPLES OF GEOLOGY, SOILS AND GROUNDWATER HYDROLOGY, AQUIFER CHARACTERISTICS, TECHNOLOGY OF EVALUATION GROUNDWATER, GEOPHYSICAL APPLICATIONS, GROUNWATER QUALITY, POLLUTION EFFECTS ON GROUNDWATER AND GROUNDWATER RECHARGE. REFERENCES ARE INCLUDED ON EACH TOPIC.

EPAWC1770

BIOLOGICAL TREATMENT TECHNOLOGY — DATE: 73-12

AUTHOR(S): LUDZACK F J — EPA — TYPE(S): PM — CATEGORIES: D O
SOURCE(S): NTIS — COST: 9.50 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:

WASTEWATER TREATMENT PLANTS	BIOLOGICAL TREATMENT	ACTIVATED SLUDGE	BIOCHEMICAL OXYGEN DEMAND
TRICKLING FILTERS	CHLORINATION	SLUDGE DISPOSAL	

REMARKS AND ABSTRACT:
(EPA-430/1-73-017) (PB-228-148/3) 326 PP.
COLLECTION OF INSTRUCTIONAL MATERIALS TO ASSIST THE STUDENT TO UPGRADE PERFORMANCE OF BIOLOGICAL TREATMENT FACILITIES. INFORMATION GATHERING TECHNIQUES RELATED TO WASTEWATER CHARACTERISTICS, CONCENTRATIONS, AND LOADING ARE DESCRIBED. INFLUENCE OF THESE DATA UPON COMMON TREATMENT OPERATIONS AND CORRECTION OF TREATABILITY DIFFICULTIES ARE CONSIDERED. OPERATIONAL CONTROL TO MAXIMIZE THE PERFORMANCE OF EXISTING FACILITIES ARE DISCUSSED ALONG WITH SELECTION OF ADD-ON OPERATIONS OR DESIGN OF NEW FACILITIES TO UPGRADE THE TREATMENT SYSTEM TO A PERFORMANCE COMPLIANCE STATUS.

EPAW01771
INTRODUCTION TO GUMBEL OR EXTREME VALUE PROBABILITY PAPER DATE: 73-09
AUTHOR(S): SANTNER J F EPA TYPE(S): PM CATEGORIES: O T M
SOURCE(S): NTIS COST: 4.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
GRAPHICAL METHODS SAMPLING
REMARKS AND ABSTRACT:
(EPA-430/1-73-016) (PB-224-106/5) 36 PP.
CONSTRUCTION OF THE PAPER OUTLINED. CORRECT PLOTTING POSITIONS FOR SAMPLES SIZES FROM 2 TO 50 ARE GIVEN WITH A FORMULA FOR LARGER SAMPLES.

EPAW01772
INTRODUCTION OF WEIBULL PROBABILITY PAPER DATE: 73-09
AUTHOR(S): SANTNER J F EPA TYPE(S): PM CATEGORIES: O T M
SOURCE(S): NTIS COST: 3.75 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
GRAPHICAL METHODS SAMPLING
REMARKS AND ABSTRACT:
(EPA-430/1-73-015) (PB-224-105/7) 32 PP.
CONSTRUCTION OF THE PAPER IS OUTLINE. CORRECT PLOTTING POSITIONS FOR SAMPLE SIZES FROM 2 TO 50 ARE GIVEN WITH A FORMULA FOR LARGER SAMPLES.

EPAW01773
INTRODUCTION TO BINOMIAL PROBABILITY PAPER DATE: 73-09
AUTHOR(S): SANTNER J F EPA TYPE(S): PM CATEGORIES: O T M
SOURCE(S): NTIS COST: 3.75 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
GRAPHICAL METHODS STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
(EPA-430/1-73-014) (PB-224-123/0) 28 PP.
GIVES AN INTRODUCTION TO GRAPHICAL ANALYSIS OF BINOMIAL POPULATIONS VIA BINOMIAL PROBABILITY PAPER. ELEVEN DIFFERENT TYPES OF TEST OF SIGNIFICANCE ARE WORKED OUT VIA AN EXAMPLE. THESE INCLUDE ONE, TWO AND K SAMPLE PROBLEMS.

EPAW01774
INTRODUCTION TO NORMAL PROBABILITY PAPER DATE: 73-09
AUTHOR(S): SANTNER J F EPA TYPE(S): PM CATEGORIES: O T M
SOURCE(S): NTIS COST: 5.25 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
STATISTICAL ANALYSIS GRAPHICAL METHODS
REMARKS AND ABSTRACT:
(EPA-430/1-83-013) (PB-2240104/0) 65 PP.
BRIEF REVIEW OF THE NORMAL CURVE; PROCEDURE FOR CONSTRUCTING NORMAL PROBABILITY PAPER; THE PROCEDURE FOR PLOTTING ON THE PAPER WHEN THE EXPECTED VALUE FOR ORDER STATISTICS ARE USED; HOW TO DRAW IN THE BEST SUBJECTIVE STRAIGHT LINE; ESTIMATE MEAN AND STANDARD DEVIATION WHEN THE PLOTTED DATA IS NORMAL; AND INTERPRETATION OF PLOTTED DATA THAT IS NOT NORMAL.

EPAWC1775 DATE: 73-09
INTRODUCTION TO MATH LOGIC
AUTHOR(S): SANTNER J F EPA TYPE(S): PM CATEGORIES: T
SOURCE(S): NTIS COST: 5.75 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
(EPA-430/1-73-012) (PB-224-410/1) 73 PP.
INTENDED FOR SCIENTISTS WHO ARE CONCERNED WITH UNDERSTANDING THE PROGRAM OF ACTION FOLLOWED PROVING CONDITIONAL AND BICONDITIONAL THEOREMS. THE CONDITIONAL AND BICONDITIONAL THEOREM CAN BE STATED IN MANY WAYS AND THE EQUIVALENCE OF THESE VARIOUS FORMS IS CLEARLY POINTED OUT. PRACTICE PROBLEMS ARE PROVIDED.

EPAWC1776 DATE: 73-09
VARIATIONS ON A TEST OF SIGNIFICANCE
AUTHOR(S): SANTNER J F EPA TYPE(S): PM CATEGORIES: T
SOURCE(S): NTIS COST: 3.25 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
(EPA-430/1-73-011) (PB-224-496/0) 11 PP.
SEQUEN TO "INTRODUCTION TO TESTS OF SIGNIFICANCE" WHERE THE CONCEPTS OF THE PROGRAM OF ACTION IN A TEST OF SIGNIFICANCE WERE OUTLINED BY USING A TWO-SIDED TEST AS A MODEL. THE EXTENSION TO A ONE-SIDED ARE COVERED IN THIS PAPER AS WELL AS THE JUSTIFICATION NECESSARY BEFORE SUCH A TEST CAN BE MADE. TWO EXAMPLES ILLUSTRATE THE APPLICATION.

EPAWC1777 DATE: 73-09
INTRODUCTION TO TESTS OF SIGNIFICANCE
AUTHOR(S): EPA TYPE(S): PM CATEGORIES: T
SOURCE(S): NTIS COST: 3.25 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
(EPA-430/1-73-010) (PB-224-495/2) 19 PP.
CHARACTERIZES THE PROGRAM ACTION NECESSARY IN A TWO-TAILED TEST OF SIGNIFICANCE BY DEFINING AND RELATING THE FOLLOWING: TEST OF SIGNIFICANCE, STATISTIC, NULL HYPOTHESIS, TEST ASSUMPTIONS, LAW OF RANDOM VARIATION FOR THE STATISTIC WHEN H SUB O IS TRUE, ALTERNATIVE HYPOTHESIS, DISTRIBUTION OF THE STATISTIC WHEN H SUB A IS TRUE, FOUR POSSIBLE DECISIONS IN A TEST OF SIGNIFICANCE, TYPE-I ERROR, CRITICAL VALUE(S), TYPE-II ERROR, POWER OF THE TEST, REJECTION REGION, ACCEPTANCE REGION, DECISIONS, ROBUSTNESS, SAMPLE SIZE, EXAMPLE OF A TWO-TAILED T-TEST.

EPAWC1778 DATE: 73-06
BIOASSAY DILUTER CONSTRUCTION
AUTHOR(S): JACKSON H W EPA TYPE(S): PM CATEGORIES: O
SOURCE(S): NTIS COST: 6.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (LABORATORY) MANUALS DILUTION
REMARKS AND ABSTRACT:
(EPA-430/1-73-007) (PB-2240436/6) 90 PP.
DESIGNED TO SUPPLEMENT TUTORIAL INSTRUCTION AND PUBLISHED LITERATURE DESCRIBING THE DESIGN AND CONSTRUCTION OF VARIOUS TYPES OF FLOW-THROUGH BIOASSAY AND BIOMONITORING EQUIPMENT. ILLUSTRATIONS, TABLES OF DESIGN VALUES, LIST OF MATERIALS NEEDED, AND REPRINTS OF SIGNIFICANT PUBLICATIONS FROM TECHNICAL JOURNALS ARE INCLUDED.

EPAWC1779

FRESHWATER BIOLOGY AND POLLUTION ECOLOGY
AUTHOR(S): SINCLAIR R M
SOURCE(S): NTIS
SUBJECT AREAS:
ORGANIC CONTAMINANTS
ALGAE
WATER QUALITY
REMARKS AND ABSTRACT:
EPA
COST: 15.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E M T
COPYRIGHT:
DATE: 73-04
LIMNOLOGY
AQUATIC ANIMALS
BIOASSAY
ECOSYSTEMS
BACTERIA
AQUATIC PLANTS
FUNGI
(EPA-430/1-73-006) (PB-224-201/4) 546 PP.
DESIGNED TO SUPPLEMENT LECTURES IN AQUATIC BIOLOGY AND POLLUTION ECOLOGY. DIVIDED INTO TWO MAIN SECTIONS: A SURVEY OF THE FRESHWATER BIOTA AND FRESHWATER POLLUTION ECOLOGY. THE MAJOR SUBHEADINGS INCLUDE INTRODUCTION TO THE BIOTA AND THE ENVIRONMENT, PRODUCERS, CONSUMERS, REDUCERS, EFFECT OF WATER QUALITY ON ORGANISMS, WATER QUALITY CRITERIA, CURRENT POLLUTION PROBLEMS, AND BIOLOGICAL METHODS AND TECHNIQUES.

EPAWO1780

SELECTION AND OPERATION OF SMALL WASTEWATER TREATMENT FACILITIES TRAINING MANUAL
AUTHOR(S): SPONAGLE C E
SOURCE(S): NTIS
SUBJECT AREAS:
SEPTIC TANKS
WASTEWATER TREATMENT PLANTS
REMARKS AND ABSTRACT:
EPA
COST: 4.35 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M O S T
COPYRIGHT:
DATE: 73-04
MAINTENANCE
DOMESTIC WASTEWATERS
PHYSICAL TREATMENT
SAMPLING
STABILIZATION LAGOONS
(EPA 430/1-73-005) (PB-224-266/7) 117 PP.
CONSISTS OF A SERIES OF OUTLINES USED AS A BASE OF INSTRUCTION.

EPAWO1781

QUICK LOOK AT STATISTICS
AUTHOR(S): SANTNER J F
SOURCE(S): NTIS
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
EPA
COST: 3.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
COPYRIGHT:
DATE: 73-03
MATHEMATICS
(EPA-430/1-73-004) (PB-2240498/6) 18 PP.
INTRODUCTION INTO THE ENTIRE FIELD OF STATISTICS IS PRESENTED FROM THREE DIFFERENT VIEWPOINTS FOR THOSE WHO HAVE HAD NO PREVIOUS TRAINING. IT IS ALSO INTENDED FOR THOSE WITH LIMITED TRAINING SO THAT THEIR BACKGROUND CAN BE CORRECTLY ORIENTED IN THE ENTIRE FIELD. A THIRD USE IS FOR SCIENTISTS TO HELP IDENTIFY WHAT TYPES OF PROBLEMS CAN BE SOLVED BY USING STATISTICAL METHODS.

EPAWO1782

CHEMICAL ANALYSES FOR WATER QUALITY
AUTHOR(S): DONAHUE A E
SOURCE(S): NTIS
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
EPA
COST: 10.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M L
COPYRIGHT:
DATE: 73-02
CHEMICAL ANALYSIS
(EPA-430/1073-003) (PB-224-212/1) 394 PP.
CONTAINS OUTLINED INFORMATION USED BY LECTURERS WHEN PRESENTING TOPICS IN EPA-NTC COURSE 100, "CHEMICAL ANALYSES FOR WATER QUALITY". CONCERNS INDIVIDUAL CONSTITUENTS FOUND IN WATER (E.G. DISSOLVED OXYGEN), INSTRUMENTAL METHODOLOGY (E.G. ATOMIC ABSORPTION) AND INFORMATION USEFUL TO ANALYSTS (E.G., STATISTICS). A SECTION OF LABORATORY PROCEDURES USED BY CLASS GROUPS IS ALSO INCLUDED.

EPAW01783

INDUSTRIAL LIQUID WASTE SURVEYS
AUTHOR(S): SPONAGLE C E
SOURCE(S): NTIS
SUBJECT AREAS:
INDUSTRIAL WASTES
SAMPLING
AQUATIC PLANTS
EPA
COST: 6.25 P
SURVEYS
BIOASSAY
TYPE(S): PM
LEVEL: 2
INDUSTRIAL WATER
AQUATIC ANIMALS
CATEGORIES: M O P
COPYRIGHT:
CHEMICAL ANALYSIS
DATE: 73-01
REMARKS AND ABSTRACT:
(EPA-430/1-73-002) (PB-224-155/2) 154 PP.
CONSISTS OF A SERIES OF OUTLINES ON VARIOUS TOPICS ASSOCIATED WITH THE PLANNING AND CONDUCT OF IN-PLANT INDUSTRIAL WASTE SURVEYS. DIVIDED INTO FIVE SECTIONS: SOURCES AND EFFECTS, SURVEY PLANNING, ANALYTICAL PROCEDURE, SURVEY EVALUATION AND REPORT, AND CONDUCTING THE SURVEY.

EPAW01784

ORGANIZATION AND MANAGEMENT OF TECHNICAL MEETINGS AND SEMINARS
AUTHOR(S): JACKSON H W
SOURCE(S): NTIS
SUBJECT AREAS:
MEETINGS AND CONFERENCES
EPA
COST: 4.75 P
PLANNING
TYPE(S): PM
LEVEL: 2
CATEGORIES: P S
COPYRIGHT:
DATE: 73-01
REMARKS AND ABSTRACT:
(EPA-430/1-73-001) (PB-224-124/8) 51 PP.
DESCRIBES ALL THE ARRANGMENTS NECESSARY FOR ORGANIZING AND CONDUCTING A TECHNICAL MEETING OR A SEMINAR. THE ROLE OF SPEAKERS, GENERAL CHAIRMEN, TECHNICAL ASSISTANTS, AND MANAGER ARE COVERED IN DETAIL. INCLUDED ARE USEFUL CHECKLISTS AND EXAMPLES OF FORMS USED IN PAST SEMINARS.

EPAW01785

CONTROL OF OIL AND OTHER HAZARDOUS MATERIALS
AUTHOR(S): EPA
SOURCE(S): NTIS
SUBJECT AREAS:
SPILLS (OIL)
COST: 7.00 P
POLLUTANTS
TYPE(S): PM
LEVEL: 3
LAWS AND REGULATIONS
CATEGORIES: M O P L
COPYRIGHT:
HAZARDOUS POLLUTANTS
DATE: 71-12
REMARKS AND ABSTRACT:
(EPA-430/1-74-005) (PB-2130880) 165 PP.
DISCUSSES THE PROBLEM OF OIL SPILLS AND THEIR CONTROL.

EPAW01787

CHEMISTRY AND CONTROL OF MODERN CHLORINATION
AUTHOR(S): PALIN A T
SOURCE(S): LAMOTTE
SUBJECT AREAS:
AMMONIA
CHLORINE
DISINFECTION
COST: 0.50 P
BACTERIA
CHLORINE DEMAND
CHEMICAL ANALYSIS
TYPE(S): PM
LEVEL: 2
CHEMICAL TREATMENT
CHLORINE RESIDUAL
OZONE
CATEGORIES: M O T
COPYRIGHT: C
CHLORINATION
PUBLIC HEALTH
PH
DATE: 73-00
REMARKS AND ABSTRACT:
ORDER NO. 1597; 52PP.
DISCUSSES THE CHEMISTRY OF CHLORINATION, FORMS OF CHLORINE, BREAKPOINT REACTION AND THE IMPORTANCE OF FREE AVAILABLE CHLORINE AS AN ACTIVE GERMICIDE. CHLORINATION OF WASTEWATERS AND INDUSTRIAL WATERS IS INCLUDED. VARIOUS METHODS FOR DETERMINING FREE CHLORINE AND OTHER FORMS OF CHLORINE ARE ALSO COVERED.

EPAWC1798
COMPUTATIONAL SKILLS WITH APPLICATIONS DATE: 75-00
AUTHOR(S): BELL K W PARRISH R G TYPE(S): PM CATEGORIES: T
SOURCE(S): HEATH COST: 8.95 P LEVEL: 0 COPYRIGHT: C
SUBJECT AREAS:
ARITHMETIC
REMARKS AND ABSTRACT:
475PP.
SELF INSTRUCTIONAL INTRODUCTION TO ARITHMETIC OPERATIONS (NUMERATION, ADDITION, SUBTRACTION, MULTIPLICATION, DIVISION, NUMBER THEORY, FRACTIONS, DECIMALS, PERCENTAGES, MEASUREMENT, GRAPHS) WHERE EACH CHAPTER OUTLINES OBJECTIVES, AND GIVES PROBLEMS WITH SOLUTIONS. ACCOMPANIED BY INSTRUCTORS MANUAL (EPAW01789). GLOSSARY, BIBL., INDEX.

EPAW01789
COMPUTATIONAL SKILLS WITH APPLICATIONS INSTRUCTORS MANUAL DATE: 75-00
AUTHOR(S): BELL K W PARRISH R G TYPE(S): PM CATEGORIES: T
SOURCE(S): HEATH COST: 0.00 P LEVEL: 0 COPYRIGHT: C
SUBJECT AREAS:
ARITHMETIC
REMARKS AND ABSTRACT:
120PP.
PROVIDES INSTRUCTOR WITH GUIDELINES ON STRUCTURING THE COURSE, (CLASS MANAGEMENT, FACILITIES, TESTING PROCEDURES), AND COMMON MANAGEMENT AND MOTIVATIONAL PROBLEMS ENCOUNTERED IN THIS TYPE OF COURSE. INCLUDES PRETESTS FOR UNITS 1-4, TESTS FOR ALL UNITS, FINAL EXAMINATION, AND TEST ANSWERS.

EPAW01790
WATER SUPPLY AND WASTE DISPOSAL DATE: 60-00
AUTHOR(S): HARDENBERGH W A RODIE E B TYPE(S): PM CATEGORIES: D M T
SOURCE(S): INTEXT COST: 12.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
SEWERS DISTRIBUTION SYSTEMS PUMPS PRIMARY TREATMENT
FILTRATION DISINFECTION HARDNESS SLUDGE TREATMENT
INDUSTRIAL WASTES PLANT CONSTRUCTION WATER TREATMENT DESIGN WASTEWATER TREATMENT DESIGN
PIPES HYDRAULICS CATHODIC PROTECTION
REMARKS AND ABSTRACT:
513PP.
REFERENCE SOURCE STRESSES INTERRELATIONSHIP BETWEEN WATER SUPPLY AND WASTE DISPOSAL. MAJOR EMPHASIS ON PLANT CONSTRUCTION AND DESIGN REQUIREMENTS, EQUIPMENT AND COLLECTION FACILITIES, THOUGH ALL TREATMENT PROCESSES ARE INCLUDED. SPECIAL FEATURES ARE CHECKLISTS FOR DESIGN OF SEWAGE TREATMENT, AND WATER TREATMENT PLANTS.

EPAW01791
MODERN CHEMICAL TECHNOLOGY VOLUME 1 DATE: 71-00
AUTHOR(S): ACS TYPE(S): PM CATEGORIES: M T
SOURCE(S): ACS COST: 5.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
CHEMISTRY CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
192PP., REVISED ED.
TESTS FOR PURITY, PROPERTIES OF SUBSTANCES, FORMULAS, SOLUTIONS, VAPOR PRESSURE, MOLALITY, FREEZING POINT DEPRESSION, BOILING POINT ELEVATION, SPECTROPHOTOMETRY.

EPAW01792
MODERN CHEMICAL TECHNOLOGY VOLUME 2 DATE: 71-00
AUTHOR(S): ACS TYPE(S): PM CATEGORIES: M T
SOURCE(S): ACS COST: 5.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
CHEMISTRY CHEMICALS
REMARKS AND ABSTRACT:
191PP., REVISED ED.
ATOMIC STRUCTURE, MOLECULES AND COVALENCE, IONS AND ELECTROVALENCE, PERIODIC TABLE, NAMES OF INORGANIC COMPOUNDS, ORGANIC COMPOUNDS, DETECTING METALS, DETECTING NONMETALS.

EPAW01793
MODERN CHEMICAL TECHNOLOGY VOLUME 3 DATE: 71-00
AUTHOR(S): ACS TYPE(S): PM CATEGORIES: M T
SOURCE(S): ACS COST: 5.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
CHEMISTRY SAMPLING PH CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
201PP., REVISED ED.
SAMPLING, MEASURING PH, GRAVIMETRIC ANALYSIS, TITRIMETRY, OXIDATION-REDUCTION, COORDINATION COMPOUNDS.

EPAW01794
MODERN CHEMICAL TECHNOLOGY VOLUME 4 DATE: 72-00
AUTHOR(S): ACS TYPE(S): PM CATEGORIES: M T
SOURCE(S): ACS COST: 5.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
CHEMISTRY DISTILLATION INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
199PP., REVISED ED.
CHARACTERIZING ORGANIC COMPOUNDS, DISTILLATION, IR SPECTROSCOPY, HYDROCARBONS, ALCOHOLS AND PHENOLS, HALIDES AND ETHERS, ALDEHYDES AND KETONES.

EPAW01795
MODERN CHEMICAL TECHNOLOGY VOLUME 5 DATE: 72-00
AUTHOR(S): ACS TYPE(S): PM CATEGORIES: M T
SOURCE(S): ACS COST: 5.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
CHEMISTRY PHYSICAL ANALYSIS CHEMICAL ANALYSIS ATOMIC ABSORPTION
REMARKS AND ABSTRACT:
205PP., REVISED ED.
CARBOXYLIC ACIDS, ORGANIC COMPOUNDS OF N AND S, EQUILIBRIUM CONSTANTS, RATES OF REACTIONS, SPECTROSCOPY, ATOMIC ABSORPTION, TECHNIQUES BASED ON PHYSICAL PROPERTIES.

EPAWC1796

MODERN CHEMICAL TECHNOLOGY VOLUME 6
AUTHOR(S): ACS
SOURCE(S): ACS
SUBJECT AREAS:
CHEMISTRY
REMARKS AND ABSTRACT:
201PP., REVISED ED.
AMINO ACIDS AND PROTEINS, CARBOHYDRATES, NATURAL PRODUCTS, POLYMERS, SOLVENTS AND EXTRACTION, CHROMATOGRAPHY (COLUMN, PAPER, TL, GAS) ELECTROPHORESIS AND DIALYSIS, NUCLEAR CHEMISTRY, RADIOACTIVITY.

COST: 5.00 P
CHEMICAL ANALYSIS
TYPE(S): PM
LEVEL: 3
INSTRUMENTATION (LABORATORY)
CATEGORIES: M T
COPYRIGHT: C
DATE: 72-00

EPAWC1797

MODERN CHEMICAL TECHNOLOGY VOLUME 7
AUTHOR(S): ACS
SOURCE(S): ACS
SUBJECT AREAS:
CHEMISTRY
REMARKS AND ABSTRACT:
161PP., REVISED ED.
ELECTROCHEMISTRY, COULOMETRY, CONDUCTIVITY, ION SELECTIVE ELECTRODES, THERMAL METHODS OF ANALYSIS, NMR, MASS SPECTROSCOPY.

COST: 5.00 P
CHEMICAL ANALYSIS
TYPE(S): PM
LEVEL: 3
INSTRUMENTATION (LABORATORY)
CATEGORIES: M T
COPYRIGHT: C
DATE: 72-00

EPAWC1798

MODERN CHEMICAL TECHNOLOGY GUIDEBOOK
AUTHOR(S): ACS
SOURCE(S): ACS
SUBJECT AREAS:
MANUALS
REMARKS AND ABSTRACT:
204PP.
SAFETY, COMPRESSED GASES, NOTEBOOKS, CALCULATIONS, FABRICATING EQUIPMENT, METHODS OF ANALYSIS, LITERATURE, FINDING A JOB.

COST: 5.00 P
CHEMISTRY
TYPE(S): PM
LEVEL: 2
INDEXES AND BIBLIOGRAPHIES
CATEGORIES: M T
COPYRIGHT: C
DATE: 72-00

EPAW01800

ADVANCE THE BETTER WAY
AUTHOR(S): CAP CON
SOURCE(S): CAP CON
SUBJECT AREAS:
CHLORINATION
REMARKS AND ABSTRACT:
16MM, COLOR, 20 MIN.
SHOWS DETAILS OF THE ADVANCE CHLORINATOR MANUFACTURED BY CAPITAL CONTROLS AND ITS APPLICATION POSSIBILITIES.

COST: 0.00 R
VALVES
TYPE(S): MP
LEVEL: 2
CATEGORIES: D M O
COPYRIGHT: C
DATE: 72-00

EPAW01803 DATE: 70-02

TRAINING REQUIREMENTS AND PERFORMANCE SPECIFICATIONS FOR WASTEWATER TREATMENT PLANT OPERATORS

AUTHOR(S): SCHAER O K
SOURCE(S): CVE
COST: 1.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P O
COPYRIGHT:

SUBJECT AREAS:
- OPERATIONS (WASTEWATER)
- INSTRUCTION
- WASTEWATER TREATMENT PLANTS
- CERTIFICATION PROGRAMS
- JOB ANALYSIS
- MAINTENANCE

REMARKS AND ABSTRACT:
55 PP.
THIS DOCUMENT CONTAINS DETAILED PERFORMANCE REQUIREMENTS FOR DEVELOPING TRAINING PROGRAMS FOR OPERATORS OF WASTEWATER TREATMENT PLANTS.

EPAW01805 DATE: 65-00

TRAINING MANUAL FOR SEWAGE TREATMENT PLANT OPERATORS GRADE III

AUTHOR(S): HILL M T
SOURCE(S): NY DEC
COST: 0.00 R
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O T
COPYRIGHT:

SUBJECT AREAS:
- MANUALS
- DOMESTIC WASTEWATERS
- SECONDARY TREATMENT
- CHLORINATION
- WASTEWATER TREATMENT PLANTS
- PROCESS CONTROL
- BIOLOGICAL TREATMENT
- SAMPLING
- OPERATIONS (WASTEWATER)
- PRETREATMENT
- CHEMICAL TREATMENT
- SAFETY
- COLLECTION SYSTEMS
- PRIMARY TREATMENT
- DIGESTION
- ARITHMETIC

REMARKS AND ABSTRACT:
157PP.; NOT AVAILABLE IN QUANTITY OUT OF STATE, COPYABLE UPON REQUEST.
REFERENCE MANUAL FOR THE OPERATOR OF A SMALL (ABC CLASS I) WASTEWATER TREATMENT PLANT OR FOR THE ASSISTANT OPERATOR AT A LARGER (ABC CLASS II OR III) FACILITY. INCLUDES BASIC INFORMATION REGARDING NATURE AND CHEMISTRY OF WASTEWATER; INDUSTRIAL WASTE DISCHARGES AND O&M OF SEWERAGE.

EPAWC1806 DATE: 72-10

TRAINING MANUAL FOR WATER PLANT OPERATORS GRADE III

AUTHOR(S): HILL M T
SOURCE(S): NY DEC
COST: 0.00 R
TYPE(S): PM
LEVEL: 1
CATEGORIES: M O T
COPYRIGHT:

SUBJECT AREAS:
- MANUALS
- PROCESS CONTROL
- AERATION
- MANGANESE
- WATER TREATMENT PLANTS
- CHLORINATION
- TASTE AND ODOR
- CORROSION
- OPERATIONS (WASTEWATER)
- DISINFECTION
- ANALYTICAL TECHNIQUES
- FLUORIDATION
- DISTRIBUTION SYSTEMS
- FILTRATION
- IRON
- CROSS CONNECTIONS

REMARKS AND ABSTRACT:
158PP.; NOT AVAILABLE IN QUANTITY OUT OF STATE, COPYABLE UPON REQUEST.
REFERENCE MANUAL FOR THE OPERATOR OF A SMALL (ABC CLASS I) WATER TREATMENT PLANT OR FOR THE ASSISTANT OPERATOR OF A LARGER (ABC CLASS II OR III) FACILITY. INCLUDES BASIC INFORMATION REGARDING SOFTENING, LAB EXAMINATIONS AND INTERPRETATIONS, MICROSCOPIC EXAMINATIONS, HYDRAULICS OF DISTRIBUTION AND OPERATIONS ARITHMETIC.

EPAW01807

WASTEWATER TREATMENT FACILITIES TRAINING MANUAL

AUTHOR(S): EPA
SOURCE(S): NTIS
SUBJECT AREAS:
WASTEWATER TREATMENT PLANTS
SEWERS
REMARKS AND ABSTRACT:

COST: 6.75 P

TYPE(S): PM
LEVEL: 2

CATEGORIES: M O S
COPYRIGHT:

DATE: 71-07

MANUALS
SAFETY

ACTIVATED SLUDGE
MAINTENANCE

TRICKLING FILTERS
TERTIARY TREATMENT

NTIS: PB-214-516/7, 268 PP.
COVERS THE MANAGEMENT, INSTRUMENTATION, EQUIPMENT, AND PROCESSES USED IN A SEWAGE TREATMENT PLANT. VARIOUS PROCESSES SUCH AS ACTIVATED SLUDGE, TRICKLING FILTRATION, AND TERTIARY TREATMENT ARE DESCRIBED. ALONG WITH THE TECHNIQUES AND EQUIPMENT, VARIOUS MANAGEMENT PRACTICES ARE PRESENTED. THESE INVOLVE AREAS SUCH AS SAFETY, MAINTENANCE, AND FINANCING.

EPAW01810

VALLEY

AUTHOR(S): FINLEY
SOURCE(S): FINLEY
SUBJECT AREAS:
RIVERS
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:

COST: 30.00 R

TYPE(S): MP
LEVEL: 1

CATEGORIES: E M P
COPYRIGHT: C

DATE: 74-09

DOMESTIC WASTEWATERS

ACID MINE DRAINAGE

WATER QUALITY

16MM, 28 MIN.COLOR; PURCHASE PRICE: $300.00
WATER QUALITY MANAGEMENT IN THE OHIO RIVER VALLEY.

EPAW01811

DRIP

AUTHOR(S): FINLEY
SOURCE(S): FINLEY
SUBJECT AREAS:
CONSERVATION
REMARKS AND ABSTRACT:

COST: 30.00 R

TYPE(S): MP
LEVEL: 1

CATEGORIES: E P
COPYRIGHT: C

DATE: 75-03

WATER RATES

WATER TREATMENT

16MM, 20 MIN., COLOR; PURCHASE PRICE: $300.00
THE URGENCY OF CONSERVING WATER AND METHODS FOR DOING SO.

EPAW01812

TEN STATES STANDARDS FOR BATHING BEACHES

AUTHOR(S): NY HES
SOURCE(S): NY HES
SUBJECT AREAS:
ADMINISTRATIVE AGENCIES
RECREATION
REMARKS AND ABSTRACT:

COST: 1.25 P

TYPE(S): PM
LEVEL: 3

CATEGORIES: L M S D
COPYRIGHT: C

DATE: 75-00

STANDARDS

BACTERIAL ANALYSIS

CHEMICAL ANALYSIS

20PP.
THE STANDARDS COMMITTEE ON SWIMMING POOLS AND BATHING BEACHES, OF THE GREAT LAKES-UPPER MISSISSIPPI RIVER BOARD OF STATE SANITARY ENGINEERS, HAS DEVELOPED PHYSICAL, SAFETY, CHEMICAL AND BACTERIOLOGICAL STANDARDS FOR BATHING BEACHES, OTHER THAN OCEAN BEACHES. THESE STANDARDS ARE DESIGNED TO SERVE AS A GUIDE FOR THE DESIGN, OPERATION AND USE OF PUBLIC BATHING BEACHES, TO ENCOURAGE SUBMISSION OF PLANS FOR PROPOSED PUBLIC BATHING BEACHES OR THEIR IMPROVEMENT, AND TO ESTABLISH UNIFORMITY O

EPAW01813
ENVIRONMENTAL UPDATE ON WATER CONTROLLING HAZARDOUS POLLUTANTS IN THE OCEAN DATE: 75-04
AUTHOR(S): LWV JOLLY C TYPE(S): PM CATEGORIES: L E
SOURCE(S): LWV COST: 0.25 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES HAZARDOUS POLLUTANTS LAWS AND REGULATIONS SLUDGE DISPOSAL
REMARKS AND ABSTRACT:
PUB. NO. 571, 4PP.
EXPLAINS MARINE PROTECTION, RESEARCH, AND SANCTUARIES ACT OF 1972 AND ITS ROLE IN LIMITING DUMPING OF TOXIC POLLUTANTS I THE OCEAN. DESCRIBES PROBLEMS OF INDUSTRIAL WASTE AND MUNICIPAL SLUDGE DUMPING.

EPAW01814
CLEAN WATER IS EVERYBODYS BUSINESS DATE: 76-99
AUTHOR(S): HEW TYPE(S): SL PM CATEGORIES: E
SOURCE(S): NEIWPCC COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
PLANT CONSTRUCTION WASTEWATER TREATMENT SECONDARY TREATMENT IRRIGATION
PRIMARY TREATMENT
REMARKS AND ABSTRACT:
51 SLIDES; SCRIPT (SPEAKERS GUIDE)
PRESENTING WATER POLLUTION AS A NATIONAL PROBLEM. EDUCATES THE PUBLIC ON THE GRAVITY OF THE PROBLEM.

EPAW01815
TASK FOR TODAY AND TOMORROW DATE: 75-05
AUTHOR(S): NEIWPCC TYPE(S): MP CATEGORIES: E
SOURCE(S): NEIWPCC COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
PUBLIC HEALTH INSTRUCTION ECONOMICS SECONDARY TREATMENT
EUTROPHICATION WATER REUSE WATER QUALITY
REMARKS AND ABSTRACT:
16MM, 18 MIN., COLOR
ILLUSTRATING WASTEWATER TREATMENT; PROCESSES USED; THE COMPLEXITY OF TREATMENT WORKS; SCOPE OF CAPITOL INVESTMENT AND OPERATING COSTS; PROTECTION OF THE PUBLIC INVESTMENT, HEALTH, AND ENVIRONMENT. IT ALSO ENCOURAGE CONSIDERATION OF WASTEWATER TREATMENT AS A CAREER.

EPAWC1816
SIMPLIFICATION OF TEXTILE WASTE SURVEY AND TREATMENT DATE: 75-06
AUTHOR(S): MASSELLI J W TYPE(S): PM CATEGORIES: O O T
SOURCE(S): NEIWPCC COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES POLLUTANTS BIOCHEMICAL OXYGEN DEMAND CHEMICAL TREATMENT
COAGULATION PH ECONOMICS
REMARKS AND ABSTRACT:
ORDER NO. TR-7
WITH THE INCREASING DEMAND FOR WATER, AND AS THE TEXTILE INDUSTRY IS KNOWN AS ONE OF THE GREATEST USERS AND POLLUTERS, MILLS ARE NOW REQUIRED TO REDUCE WASTE LOADS REGARDLESS OF TREATMENT COSTS. THIS GUIDE IS TO AID IN DESIGNING SIMPLE, COST EFFECTIVE TREATMENT FACILITIES.

EPAW01817

STUDY OF SMALL COMPLETE MIXING EXTENDED AERATION ACTIVATED SLUDGE PLANTS IN MASSACHUSETTS
AUTHOR(S): MASS HEALTH RESEARCH INS
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O T D
DATE: 70-06
COPYRIGHT:
SUBJECT AREAS:
AERATION
SAMPLING
STABILIZATION LAGOONS
AQUATIC ANIMALS
SEDIMENTATION
FLOW MEASUREMENT
INDUSTRIAL WASTES
BIOCHEMICAL OXYGEN DEMAND
STARTUP
CHLORINATION
ACTIVATED SLUDGE
EFFLUENTS
SLUDGE DEWATERING
FILTRATION
DOMESTIC WASTEWATERS
REMARKS AND ABSTRACT:
ORDER NO. TR-9
GUIDE PUBLISHED TO ESTABLISH PROPER OPERATIONAL PROCEDURES FOR SMALL ACTIVATED SLUDGE PLANTS WHICH TREAT BOTH DOMESTIC AND INDUSTRIAL WASTE.

EPAW01818

WHITE WATER WASTES FROM PAPER AND PAPERBOARD MILLS
AUTHOR(S): MASSELLI J W
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O T
DATE: 70-06
COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES
FOAM SEPARATION
CHEMICAL TREATMENT
SEDIMENTATION
BIOLOGICAL TREATMENT
SLUDGE CHARACTERISTICS
BIOCHEMICAL OXYGEN DEMAND
SLUDGE THICKENING
REMARKS AND ABSTRACT:
ORDER NO. TR-12
THE GUIDE IS CONCERNED WITH THE SOURCES OF POLLUTION IN WASTES FROM PAPER MAKING MILLS AND METHODS OF TREATMENT FOR SUCH WASTES.

EPAW01819

EFFECT OF INDUSTRIAL WASTES ON SEWAGE TREATMENT
AUTHOR(S): MASSELLI J W
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
DATE: 65-06
COPYRIGHT:
SUBJECT AREAS:
ANAEROBIC DIGESTION
COLLECTION SYSTEMS
BIOCHEMICAL OXYGEN DEMAND
TRICKLING FILTERS
SLUDGE DISPOSAL
ACTIVATED SLUDGE
TASTE AND ODOR
REMARKS AND ABSTRACT:
ORDER NO. TR-13
THIS REPORT DESIGNED TO INDIATE THE POSSIBLE EFFECTS OF INDUSTRIAL WASTES ON SEWAGE TREATMENT SYSTEMS AND TO INDICATED METHODS OR PROCEDURES FOR DETECTING AND POSSIBLY ELIMINATING THEIR EFFECTS.

EPAW0182C

GUIDES FOR THE DESIGN OF WASTEWATER TREATMENT WORKS
AUTHOR(S): TECHNICAL ADVISORY BOARD
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O O
DATE: 71-06
COPYRIGHT:
SUBJECT AREAS:
INFLUENTS
PUMPS
PRIMARY TREATMENT
TRICKLING FILTERS
PLANT CONSTRUCTION
FILTRATION
SECONDARY TREATMENT
DISINFECTION
SEWERS
SAFETY
SLUDGE DISPOSAL
CHLORINATION
EFFLUENTS
WATER TREATMENT DESIGN
SLUDGE DEWATERING
STABILIZATION LAGOONS
REMARKS AND ABSTRACT:
ORDER NO. TR-16
THIS PUBLICATION IS A PRACTICAL GUIDE OR AID TO BE USED WITH ENGINEERING JUDGEMENT AND EXPERIENCE IN THE DESIGN OF SEWAG WORKS AND IN REVIEWING PLANS AND SPECIFICATIONS FOR SUCH FACILITIES. THIS GUIDE REFLECTS CURRENT PRACTICES AND REQUIREM IN THE DESIGN AND CONSTRUCTION OF WASTEWATER TREATMENT WORKS.

EPAW01821

UNIFORM GUIDELINES FOR THE PREVENTION AND CONTROL OF OIL SPILLS AND FOR OIL TERMINAL AND VESSEL HANDLING
AUTHOR(S): TECHNICAL ADVISORY BOARD
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E L
DATE: 71-01
SUBJECT AREAS:
LAWS AND REGULATIONS
SPILLS (OIL)
PUBLIC HEALTH
COPYRIGHT:
REMARKS AND ABSTRACT:
ORDER NO. TR-17
THE INTENT OF THESE GUIDE LINES TO INSURE MAXIMUM SAFETY FROM SPILLAGE OR LEAKAGE OF OIL AT TERMINALS, AND, IN THE EVENT AN OIL SPILL OCCURS, DIRECT THE CLEANUP SO THAT THE CONTROL MEASURES WILL EFFECTIVELY PROTECT THE ENVIRONMENT, MINIMIZE HAZARDS TO PUBLIC SAFETY, AND PROTECT THE PUBLIC WELFARE.

EPAW01822

UNIFORM GUIDELINES FOR THE CONTROL OF WASTES AND HARMFUL EFFECTS FROM WATERCRAFT AND FLOATING STRUCTURES
AUTHOR(S): TECHNICAL ADVISORY BOARD
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E L
DATE: 73-03
SUBJECT AREAS:
LAWS AND REGULATIONS
SPILLS (OIL)
TANKS
COPYRIGHT:
FLOTATION
RECREATION
REMARKS AND ABSTRACT:
ORDER NO. TR-18
THE GUIDELINES ARE INTENDED TO PROMOTE A UNIFORMITY OF REGULATIONS FOR THE CONTROL AND ABATEMENT OF POLLUTION ATTRIBUTAB TO WATERCRAFT AND FLOATING STRUCTURES, AND THEREBY PROTECT THE INLAND FRESH WATER RESOURCES OF THE NEW ENGLAND ARE FROM DEGRADATION DUE TO THESE SOURCES OF POLLUTION.

EPAW01823

WATER USE CLASSIFICATIONS AND STANDARDS OF WATER QUALITY
AUTHOR(S): NEIWPCC
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: L E
DATE: 73-12
SUBJECT AREAS:
WASTEWATER TREATMENT
DISINFECTION
AQUATIC ANIMALS
AQUATIC PLANTS
PH
TEMPERATURE
TOTAL COLIFORMS
PHOSPHATES
SLUDGE CHARACTERISTICS
SPILLS (OIL)
TASTE AND ODOR
STANDARDS
COLOR
TURBIDITY
WATER QUALITY
COPYRIGHT:
REMARKS AND ABSTRACT:
UNIFORM WATER USE CLASSIFICATIONS AND STANDARDS OF WATER QUALITY FOR NEW ENGLAND.

EPAW01824

UNITED EFFORTS
AUTHOR(S): LARSON J C
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E P
DATE: 74-07
SUBJECT AREAS:
LAWS AND REGULATIONS
PLANNING
MONITORING
SURVEYS
PUBLIC RELATIONS
INSTRUCTION
COMMUNICATION
PLANT CONSTRUCTION
NPDES PERMITS
ECONOMICS
COPYRIGHT:
REMARKS AND ABSTRACT:
REPORT ON WHAT THE LAWS SAY ABOUT WATER POLLUTION AND POLLUTION CONTROL AND THE CITIZENS' FUNCTION THEREIN.

EPAWC1825 DATE: 74-07

FACTS OF LIFE OR THE BIRDS AND BEES OF WATER
AUTHOR(S): NEIWPCC
SOURCE(S): NEIWPCC
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E P
COPYRIGHT:
SUBJECT AREAS:
WATER CHARACTERISTICS
WATER QUALITY
DOMESTIC WASTEWATERS
TERTIARY TREATMENT
MONITORING
BIOCHEMICAL OXYGEN DEMAND
SEWERS
SLUDGE DISPOSAL
WASTEWATER TREATMENT
PRIMARY TREATMENT
AQUATIC GROWTHS
STORM WATER
SECONDARY TREATMENT
REMARKS AND ABSTRACT:
COMPILATION OF INFORMATION ON ALL ASPECTS OF WATER, WATER POLLUTION, POLLUTION ABATEMENT AND CONTROL TECHNIQUES, AND CITIZEN ACTION IN THE FIELD.

EPAW01826 DATE: 75-00

URBAN SPRAWL VS PLANNED GROWTH
AUTHOR(S): FINLEY
SOURCE(S): FINLEY
COST: 20.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: E P
COPYRIGHT: C
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
WATER QUALITY
CONSERVATION
REMARKS AND ABSTRACT:
16MM, 21 MIN., COLOR; PURCHASE PRICE: 020000 P
THE UPPER EAST BRANCH OF BRANDYWINE CREEK IS A GENTLE PEACE OF FORESTS AND CLEAN STREAMS, FARMS, AND HERE AND THERE SMALL COMMUNITIES. THE FOUR THOUSAND PEOPLE WHO CALL IT HOME WANT TO KEEP THEIR HERITAGE OF NATURAL BEAUTY AND RURAL CHARM AS URBAN TIDES FLOW IN FROM NEARBY PHILADELPHIA AND WILMINGTON, DELAWARE. THE PROBLEM: HOW TO SAVE THE WATERSHED WHILE MAKING ROOM FOR MORE PEOPLE.

EPAW01827 DATE: 76-99

ENVIRONMENTAL EDUCATION GUIDE FOR ADMINISTRATORS
AUTHOR(S): IEE
SOURCE(S): IEE
COST: 2.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
SUBJECT AREAS:
INSTRUCTION
ENVIRONMENTAL CONTROL
PUBLIC PARTICIPATION
REMARKS AND ABSTRACT:
THE ADMINISTRATOR'S PERSPECTIVE: FORMING A COMMITTEE, TRAINING TEACHERS, SPECIAL CONSIDERATIONS, COMMUNITY RELATIONS, INFORMATION SOURCES - ALL REQUISITES TO PLANNING. SEQUENTIAL STEPS IN DEVELOPING AN ENVIRONMENTAL PROGRAM LISTED AND CROSS-REFERENCED TO OTHER GUIDE IN THE SERIES.

EPAW01828 DATE: 76-99

ENVIRONMENTAL EDUCATION GUIDE FOR TEACHERS
AUTHOR(S): IEE
SOURCE(S): IEE
COST: 4.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
SUBJECT AREAS:
INSTRUCTION
ENVIRONMENTAL CONTROL
WATERSHEDS
REMARKS AND ABSTRACT:
INTRODUCTORY DESCRIPTION OF TEACHERS ROLE, TRAINING, NEEDS, PROBLEMS IN STARTING ENVIRONMENTAL STUDIES. FOLLOWS ADMINISTRATOR'S GUIDE AND IS FULLY AMPLIFIED "GUIDE TO WATERSHED INVESTIGATIONS AND ENVIRONMENTAL STUDIES."

EPAW01829

ENVIRONMENTAL EDUCATION GUIDE FOR WORKSHOPS
AUTHOR(S): IEE
SOURCE(S): IEE
SUBJECT AREAS:
INSTRUCTION
REMARKS AND ABSTRACT:
COST: 2.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 76-99
ENVIRONMENTAL CONTROL
PUBLIC PARTICIPATION

HOW TO CONDUCT A TEACHER-TRAINING WORKSHOP IN THE PROCESS OF ENVIRONMENTAL STUDIES. WORKSHOP IS A MINI-MODEL OF THE ADVOCATED SCHOOL: COMMUNITY PROGRAM. PROCESS IS HANDS-ON, CONSTRUCT OWN EQUIPMENT, INITIATE INVESTIGATIONS, COLLECT DATA, ANALYZE, PARTICIPATE IN COMMUNITY SYSTEMS. SPECIFIC ROLES OF THE WORKSHOP HOST, SITE MANAGER, AND PROGRAM INSTRUCTORS ARE DETAILED FROM SEVERAL YEARS OF EXPERIENCE.

EPAW01830

CURRICULUM ACTIVITIES GUIDE TO WATER POLLUTION AND ENVIRONMENTAL STUDIES VOL I AND II
AUTHOR(S): IEE
SOURCE(S): IEE
SUBJECT AREAS:
CURRICULUM DEVELOPMENT
STREAMS
REMARKS AND ABSTRACT:
COST: 8.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E M
COPYRIGHT:
DATE: 76-99
INSTRUCTION
WATER QUALITY
BIOLOGY
HYDROLOGY
ENVIRONMENTAL CONTROL

TWO-VOLUME SET ON WATER STUDIES. VOL. I: CHAPTERS ON HYDROLOGIC CYCLE, HUMAN ACTIVITIES, ECOLOGICAL PERSPECTIVES, SOCIAL AND POLITICAL FACTORS. VOL. II: WATER QUALITY PARAMETERS: CHEMISTRY, BACTERIOLOGY, AQUATIC BIOLOGY, ENGINEERING AND PHYSICS. ACTIVITIES FOR STUDENT INVESTIGATIONS IN PROGRESSIVE SOPHISTICATION, USED 7TH - GRADUATE SCHOOL. EQUIPMENT FOR SOME STUDIES CONSTRUCTED BY STUDENTS, SEE VOL. III IN SAME SERIES.

EPAW01831

CURRICULUM ACTIVITIES GUIDE TO WATER POLLUTION EQUIPMENT AND ENVIRONMENTAL STUDIES VOL III
AUTHOR(S): IEE
SOURCE(S): IEE
SUBJECT AREAS:
EQUIPMENT (PLANT)
BIOLOGY
REMARKS AND ABSTRACT:
COST: 6.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
INSTRUCTION
MEASUREMENT
ENVIRONMENTAL CONTROL
CURRICULUM DEVELOPMENT

CONSTRUCTION PLANS FOR 22 PIECES OF EQUIPMENT USED IN MEASURING WEATHER, SOILS, GEOGRAPHY, AND WATER QUALITY. EXAMPLES INCLUDE CLINOMETER, CORE SAMPLER, HESTER-DENDY, MAPPING TABLE, PLANKTON NET, SECCHI DISK, SURBER SAMPLER. MATERIALS AVAILABLE IN ANY COMMUNITY, STUDENT CONSTRUCTED, SUPPLEMENTARY TO VOLUMES I & II IN SERIES.

EPAW01832

CURRICULUM ACTIVITIES GUIDE TO WATERSHED INVESTIGATIONS AND ENVIRONMENTAL STUDIES
AUTHOR(S): IEE
SOURCE(S): IEE
SUBJECT AREAS:
CURRICULUM DEVELOPMENT
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
GAIL P A
COST: 6.75 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 76-99
INSTRUCTION
WATERSHEDS
BIOLOGY

145 PP., 2ND ED. (SERIES E, VOL. VI)
WATERSHEDS ARE THE ORGANIZATIONAL SYSTEM FOR INITIATING ENVIRONMENTAL STUDIES. PLANNING AND STARTING A WATERSHED PROGRAM. INTEGRATING STUDIES INTO CLASSROOM SCHEDULES AND CURRICULA. DEVELOPING PUBLIC RELATIONS. OPERATIONAL AND TECHNICAL SKILLS FOR TEACHERS. BIBLIOGRAPHY, CONFERENCE AGENDA, MEETING MINUTES, AND CROSS REFERENCES TO OTHER GUIDES IN THE SERIES.

EPAW01833
TESTING FOR FECAL COLIFORM DATE: 75-00
AUTHOR(S): IEE TYPE(S): FS AC PM CATEGORIES: M
SOURCE(S): IEE COST: 33.50 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
FECAL COLIFORMS FILTRATION MONITORING E COLI
WATER QUALITY E COLI
REMARKS AND ABSTRACT:
85 FRAME FILMSTRIP, TAPE CASSETTE, TEXT, AND PROCEDURES MANUAL. (SERIES H, UNIT 1)
INTRODUCES SIGNIFICANCE OF FECAL COLIFORM AS BIOLOGICAL INDICATOR OF WATER QUALITY. DEMONSTRATES FIELD SAMPLING LABORATORY MICROFILTRATION TECHNIQUE, INCUBATING, AND COLONY COUNTING. DEVELOPED ESPECIALLY FOR SECONDARY SCHOOLS AND COLLEGES IN MONITORING PROGRAMS.

EPAW01834
TESTING FOR DISSOLVED OXYGEN USING THE MODIFIED WINKLER METHOD DATE: 75-00
AUTHOR(S): IEE TYPE(S): FS AC PM CATEGORIES: M
SOURCE(S): IEE COST: 33.50 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
DISSOLVED OXYGEN SAMPLING OXYGEN
REMARKS AND ABSTRACT:
65 FRAME FILMSTRIP, TAPE CASSETTE, TEXT, REAGENTS AND PROCEDURES MANUAL. (SERIES H, UNIT 2)
INTRODUCES SIGNIFICANCE OF DISSOLVED OXYGEN AS INDICATOR OF WATER QUALITY. DEMONSTRATES FIELD SAMPLING AND LABORATORY PROCEDURE USING MODIFIED WINKLER. DEVELOPED ESPECIALLY FOR SECONDARY SCHOOLS AND COLLEGES IN MONITORING PROGRAMS.

EPAW01835
ENVIRONMENTAL UPDATE ON WATER CONTROLLING HAZARDOUS POLLUTANTS IN INLAND WATERS DATE: 75-06
AUTHOR(S): LWV JOLLY C TYPE(S): PM CATEGORIES: L E
SOURCE(S): LWV COST: 0.25 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
WATER QUALITY HAZARDOUS POLLUTANTS LAWS AND REGULATIONS INDUSTRIAL WASTES
DEEP WELLS
REMARKS AND ABSTRACT:
PUB. NO. 591; 4PP.
EXPLAINS SECTIONS 307 AND 311 OF FEDERAL WATER POLLUTION CONTROL ACT AMENDMENTS OF 1972 AND THEIR INTENDED ROLE IN CONTROLLING DISPOSAL OF TOXIC POLLUTANTS AND LIMITING HAZARDOUS SPILLS. DESCRIBES POTENTIAL ROLE OF 1974 SAFE DRINKING WATER ACT IN REGULATING DEEP WELL INJECTION OF WASTES.

EPAW01836
HYDRAULIC TROUBLESHOOTING PROGRAMMED INSTRUCTION MANUAL DATE: 75-01
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 20.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION HYDRAULICS RESERVOIRS TROUBLESHOOTING
MAINTENANCE
REMARKS AND ABSTRACT:
NO. 308-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAGER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01837
BASIC HYDRAULICS PROGRAMMED INSTRUCTION MANUAL DATE: 74-05
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 20.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
HYDRAULICS PUMPS VALVES PIPES
MAINTENANCE SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
NO. 307-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01838
PIPING SYSTEMS PROGRAMMED INSTRUCTION MANUAL DATE: 73-12
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 20.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (PLANT) DISTRIBUTION SYSTEMS PLASTIC PIPES CAST IRON PIPES
MAINTENANCE SELF PACED INSTRUCTION VALVES PIPES
PIPE LININGS
REMARKS AND ABSTRACT:
NO. 306-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01839
PUMPS PROGRAMMED INSTRUCTION MANUAL DATE: 75-04
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 20.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (PLANT) CENTRIFUGAL PUMPS POSITIVE DISPLACEMENT PUMPS PUMPS
MAINTENANCE SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
NO. 305-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT QRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "CCURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01840
DRIVE COMPONENTS PROGRAMMED INSTRUCTION MANUAL DATE: 75-02
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 20.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (PLANT) SELF PACED INSTRUCTION MAINTENANCE
REMARKS AND ABSTRACT:
NO. 303-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "CCURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01841 DATE: 75-02

LUBRICATION PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL COST: 20.50 P TYPE(S): PM LEVEL: 1 CATEGORIES: O COPYRIGHT: C

SUBJECT AREAS:
EQUIPMENT (PLANT) LUBRICATION SELF PACED INSTRUCTION MAINTENANCE

REMARKS AND ABSTRACT:
NO. 302-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01842 DATE: 74-04

ELEMENTS OF MECHANICS PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL COST: 20.50 P TYPE(S): PM LEVEL: 1 CATEGORIES: O COPYRIGHT: C

SUBJECT AREAS:
EQUIPMENT (PLANT) MAINTENANCE POWER LOSS SELF PACED INSTRUCTION

REMARKS AND ABSTRACT:
NO. 301-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01843 DATE: 74-06

ELECTRICAL TROUBLESHOOTING PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL COST: 20.50 P TYPE(S): PM LEVEL: 1 CATEGORIES: O COPYRIGHT: C

SUBJECT AREAS:
EQUIPMENT (PLANT) AUTOMATIC CONTROL ELECTRIC POWER MAINTENANCE
SELF PACED INSTRUCTION TROUBLESHOOTING

REMARKS AND ABSTRACT:
NO. 210-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01844 DATE: 74-12

A C CONTROL EQUIPMENT PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL COST: 20.50 P TYPE(S): PM LEVEL: 1 CATEGORIES: O COPYRIGHT: C

SUBJECT AREAS:
EQUIPMENT (PLANT) ELECTRIC POWER AUTOMATIC CONTROL MAINTENANCE
SELF PACED INSTRUCTION

REMARKS AND ABSTRACT:
NO. 209-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAGER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAWC1845 DATE: 74-07

THREE PHASE SYSTEMS PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 20.50 P
TYPE(S): PM
LEVEL: I
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (PLANT)
SELF PACED INSTRUCTION
DISTRIBUTION SYSTEMS
ELECTRIC POWER
POWER LOSS
AUTOMATIC CONTROL
MAINTENANCE
REMARKS AND ABSTRACT:
NO. 208-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAWC1846 DATE: 75-02

SINGLE PHASE MOTORS PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 20.50 P
TYPE(S): PM
LEVEL: I
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (PLANT)
SELF PACED INSTRUCTION
ELECTRIC POWER
MAINTENANCE
REMARKS AND ABSTRACT:
NO. 207-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAWC1847 DATE: 74-11

C C EQUIPMENT AND CONTROLS PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 20.50 P
TYPE(S): PM
LEVEL: I
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (PLANT)
SELF PACED INSTRUCTION
ELECTRIC POWER
AUTOMATIC CONTROL
SELENIUM
MAINTENANCE
REMARKS AND ABSTRACT:
NO. 206-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAWC1848 DATE: 74-11

ELECTRICAL PROTECTIVE DEVICES PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 20.50 P
TYPE(S): PM
LEVEL: I
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (PLANT)
MAINTENANCE
SELF PACED INSTRUCTION
SAFETY (ELECTRICAL)
ELECTRIC POWER
REMARKS AND ABSTRACT:
NO. 205-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINSISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01849 DATE: 74-09

BEARINGS PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 20.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C

SUBJECT AREAS:
EQUIPMENT (PLANT)
MAINTENANCE
BEARINGS
SELF PACED INSTRUCTION
TEMPERATURE
LUBRICATION

REMARKS AND ABSTRACT:
NO. 304-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW0185C DATE: 74-05

HOW POWER PLANTS WORK PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 15.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C

SUBJECT AREAS:
EQUIPMENT (PLANT)
MAINTENANCE
DEMINERALIZATION
TURBINE PUMPS
SELF PACED INSTRUCTION
UTILITIES
WATER REUSE
DEAERATION
DESALINATION

REMARKS AND ABSTRACT:
TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNITS.

EPAW01851 DATE: 74-02

ELECTRICAL MEASURING INSTRUMENTS PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 20.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C

SUBJECT AREAS:
EQUIPMENT (PLANT)
MAINTENANCE
MEASUREMENT
SELF PACED INSTRUCTION
INSTRUMENTATION (LABORATORY)
ELECTRIC POWER

REMARKS AND ABSTRACT:
NO. 204-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAGER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01852 DATE: 75-02

TRANSFORMERS AND A C CIRCUITS PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 20.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C

SUBJECT AREAS:
EQUIPMENT (PLANT)
MAINTENANCE
ELECTRIC POWER
POWER LOSS
SELF PACED INSTRUCTION

REMARKS AND ABSTRACT:
NO. 203-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-TH-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01853

BATTERIES AND D C CIRCUITS PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
EQUIPMENT (PLANT)
MAINTENANCE
REMARKS AND ABSTRACT:

COST: 20.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 74-06

TEMPERATURE
SELF PACED INSTRUCTION
ZINC
SAMPLING
SELENIUM
ELECTRIC POWER

NO. 202-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPP. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01854

INTRODUCTION TO ELECTRICITY AND ELECTRONICS PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
EQUIPMENT (PLANT)
MAINTENANCE
REMARKS AND ABSTRACT:

COST: 20.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 74-10

ELECTRIC POWER
SELF PACED INSTRUCTION
SELENIUM
FLOWMETERS

NO. 201-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTURCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01855

GAS WELDING PRACTICES PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:

COST: 15.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 75-03

METAL WORK
SELF PACED INSTRUCTION

NO. 118-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01856

WELDING PRINCIPLES PROGRAMMED INSTRUCTION MANUAL

AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:

COST: 15.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 75-01

SELF PACED INSTRUCTION
METAL WORK

NO. 117-TEN 16PP. SELF-INSTRUCTIONAL LESSON, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAWC1857 DATE: 74-10

DEVELOPING TROUBLESHOOTING SKILLS PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 15.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (PLANT)
SELF PACED INSTRUCTION
TROUBLESHOOTING
DECISION MAKING
HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
NO. 110-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01858 DATE: 74-09

PLANT SAFETY PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 15.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION
SAFETY
CARBON DIOXIDE
DISASTERS
REMARKS AND ABSTRACT:
NO. 109-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01859 DATE: 73-10

PORTABLE POWER TOOLS PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 15.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (SHOP)
SCREENING AND GRINDING
SELF PACED INSTRUCTION
MAINTENANCE
REMARKS AND ABSTRACT:
NO. 108-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01860 DATE: 74-05

HAND TOOLS PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
COST: 15.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (SHOP)
SCREENING AND GRINDING
SELF PACED INSTRUCTION
MAINTENANCE
REMARKS AND ABSTRACT:
NO. 107-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01861
NON METAL MATERIALS PROGRAMMED INSTRUCTION MANUAL DATE: 73-11
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 15.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (SHOP) MAINTENANCE SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
NO. 105-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01862
METAL MATERIALS PROGRAMMED INSTRUCTION MANUAL DATE: 73-12
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 15.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
EQUIPMENT (SHOP) MAGNESIUM IRON CATHODIC PROTECTION
MAINTENANCE SELF PACED INSTRUCTION CADMIUM
COPPER LEAD ALUMINUM
REMARKS AND ABSTRACT:
NO. 105-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01863
MEASUREMENT PROGRAMMED INSTRUCTION MANUAL DATE: 74-01
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 15.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY) FLOW MEASUREMENT MEASUREMENT MONITORING
SELF PACED INSTRUCTION CONVERSION TABLES
REMARKS AND ABSTRACT:
NO. 104-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01864
BASIC SHOP MATH PROGRAMMED INSTRUCTION MANUAL DATE: 74-03
AUTHOR(S): TECH PUBL TYPE(S): PM CATEGORIES: O
SOURCE(S): TECH PUBL COST: 15.50 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
SELF PACED INSTRUCTION ARITHMETIC MATHEMATICS
REMARKS AND ABSTRACT:
NO. 103-TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES AND SUPPLE. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01865

READING SCHEMATICS AND SYMBOLS PROGRAMMED INSTRUCTION MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
EQUIPMENT (SHOP)
REMARKS AND ABSTRACT:
COST: 15.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 74-02
GRAPHICAL METHODS
SELF PACED INSTRUCTION
MAINTENANCE
NO. 102- TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES, SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER." INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01866

BASIC BLUEPRINT READING PROGRAMMED INSTRUCTIONAL MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
EQUIPMENT (SHOP)
REMARKS AND ABSTRACT:
COST: 15.50 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT: C
DATE: 74-07
DRAFTING
SELF PACED INSTRUCTION
NO. 101- TEN 16PP. SELF-INSTRUCTIONAL LESSONS, INCLUDING: PROGRAMMED EXERCISES, SELF-CHECK QUIZES AND SUPPL. MATERIALS. FOR IN-PLANT TRAINING OF MAINTENANCE CRAFTSMEN. ADJUNCTIVELY PROGRAMMED TRAINING UNITS WRITTEN TO SUPPLEMENT TRAINEES' ON-THE-JOB EXPERIENCES. FIRST LINE SUPERVISOR ADMINISTERS TRAINING IN CAPACITY OF "COURSE MANAUER". INSTRUCTOR'S MATERIALS FURNISHED FREE WITH EACH UNIT.

EPAW01867

STYLES OF LEADERSHIP DECISION GAME
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
DECISION MAKING
REMARKS AND ABSTRACT:
COST: 1.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT: C
DATE: 76-99
16PP., COMPANION FILM: "STYLES OF LEADERSHIP" (EPAW01212). 12PP. INSTRUCTOR'S GUIDE INCLUDED. DESIGNED WITH EFFECTIVE AND STIMULATING TRAINING IN MIND. IT COMBINES SELF-INSTRUCTIONAL MATERIALS WITH GROUP EXERCISES AND GRAPHICS TO PROVIDE THE USER WITH ONE OF THE MOST UNIQUE LEADERSHIP TRAINING TOOLS AVAILABLE. OUTLINES THE THREE MAJOR ELEMENTS TO CONSIDER IN CHOOSING A LEADERSHIP STYLE: THE MANAGER'S OWN INCLINATIONS, THE DESIRES OF THE GROUP AND THE REQUIREMENTS OF THE ORGANIZATION.

EPAW01868

WELDING OXYACETYLENE
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (SHOP)
REMARKS AND ABSTRACT:
COST: 7.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
(NO. 11) 4 HRS. AVERAGE INSTRUCTION TIME.
TYPES OF OXYACETYLENE FLAMES; EQUIPMENT, INCLUDING WELDING TORCH, TIPS, HOSES, AND PRESSURE REGULATORS; GAS CYLINDERS; CYLINDER AND WORKING PRESSURES; AND OPERATING PROCEDURES SUCH AS OPENING CYLINDERS, ADJUSTING WORKING PRESSURES, LIGHTING A TORCH, ADJUSTING THE FLAME, AND SHUTTING OFF THE TORCH. A PRACTICAL PERFORMANCE TEST TO MEASURE THE ABILITY OF THE TRAINEE, AND A CHECK LIST FOR THE EXAMINER, ARE INCLUDED.

EPAW01869
SHEET METAL LAYOUT PATTERNS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MAINTENANCE
COST: 26.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 13) 18 HRS. AVERAGE INSTRUCTION TIME.
BASIC GEOMETRIC CONSTRUCTIONS INVOLVED IN LAYING OUT PATTERNS FOR SOME OF THE MORE COMMON SHEET METAL SHAPES; CONICAL TRANSITION PIECE, 4-SECTION ELBOW, DRIP PANS, AND RECTANGULAR DUCT SECTIONS.

EPAW0187C
THERMAL INSULATION PIPE AND FITTINGS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITION
COST: 27.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 14) 25 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: PRINCIPLES OF FLOW OF HEAT AND PURPOSE OF THERMAL INSULATION; PROPERTIES OF COMMON INSULATING MATERIALS; ACCESSORY MATERIALS; SELECTION OF MATERIALS; TECHNIQUES FOR APPLYING HIGH, MEDIUM, AND LOW TEMPERATURE INSULATION, INCLUDING VARIOUS TYPES OF FINISHES AND PROTECTIVE COVERINGS.

EPAW01871
THERMAL INSULATION EQUIPMENT
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITION
COST: 27.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 15) 25 HRS. AVERAGE INSTRUCTION TIME. SIX FIELD EXERCISES AND EXAMINER'S SCORING SHEET.
INCLUDES: APPLICATION TECHNIQUES FOR ROUND FLAT-TOP TANKS, TANKS WITH FLAT SIDES, AND HORIZONTAL CYLINDRICAL TANKS WITH DISHED HEADS, PUMPS, AND DUCTS.

EPAW01872
DRILLS REGRINDING AND MODIFICATION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (SHOP)
COST: 7.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 17) 3 1/2 HRS. AVERAGE INSTRUCTION TIME.
REGRINDING OF DRILLS, POINT MODIFICATION FOR HARD AND SOFT MATERIALS, WEB THINNING, CHIP BREAKERS, AND A BRIEF COVERAGE OF CARBIDE DRILLS. TRAINEE IS REQUIRED TO REGRIND REGULAR POINT GENERAL PURPOSE DRILLS TO FLAT AND LONG POINTS FOR DRILLING HARD AND SOFT MATERIALS; TO THIN THE WEB ON WORN DRILLS FOR EASIER DRILLING; AND TO USE CHIP BREAKERS FOR DUCTILE AND SOFT MATERIALS.

EPAW01873

SOLID HAND REAMERS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (SHOP)
COST: 9.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: C
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 18) 5 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: SELECTION OF PROPER SIZE, FLUTE STYLE, AND TYPE OF REAMER TO HAND REAM HOLES WITH OR WITHOUT INTERRUPTED SURFACES; SELECTION OF PILOT DRILLS AND REAMER DRILLS FOR HOLES THAT WILL BE REAMED; STOCK REMOVAL ALLOWANCES, FEEDS, LUBRICANTS, AND PROPER METHOD OF USING A HAND REAMER; BASIC REAMER NOMENCLATURE; HOW TO INSPECT A REAMER; AND HOW TO MEASURE THE ACTUAL SIZE OF A REAMER.

EPAW01874

EXPANSION HAND REAMERS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (SHOP)
COST: 6.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 19) 2 1/2 HRS. AVERAGE INSTRUCTION TIME.
WHEN TO USE AN EXPANSION REAMER, HOW TO SELECT THE CORRECT SIZE AND STYLE, HOW TO ADJUST AND MEASURE AN EXPANSION REAMER, AND HOW TO ADJUST STOCK REMOVAL ALLOWANCE.

EPAW01875

SINGLE STAGE STEAM JET VACUUM PUMPS OPERATION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
JET PUMPS
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
NORMAL OPERATIONS
STARTUP
SHUTDOWN
REMARKS AND ABSTRACT:
(NO. 20) 2 HRS. AVERAGE INSTRUCTION TIME.
INDENTIFICATION OF PARTS AND THE STARTUP AND SHUTDOWN PROCEDURES FOR SINGLE STAGE STEAM JET VACUUM PUMPS. FLOW OF VAPOR, STEAM AND QUENCH WATER THROUGH A STEAM JET AND STEAM JET SYSTEM ARE INCLUDED.

EPAW01876

SINGLE STAGE STEAM JET VACUUM PUMPS TROUBLESHOOTING
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
JET PUMPS
COST: 9.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
TROUBLESHOOTING
REMARKS AND ABSTRACT:
(NO. 21) 5 HRS. AVERAGE INSTRUCTION TIME.
COVERS THE PROCEDURE FOR TROUBLESHOOTING A SINGLE STAGE STEAM JET SYSTEM. IT DEALS WITH THE MOST COMMON TYPES OF TROUBLES AND AN EIGHT-STEP PROCEDURE FOR FINDING AND CORRECTING THEM. A REFERENCE SHEET COVERING THE EIGHT-POINT PROCEDURE IS INCLUDED FOR THE TRAINEE TO KEEP AND USE ON HIS JOB.

EPAWC1877
LEVEL MEASUREMENT GAGE GLASSES AND FLOATS DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: T
SOURCE(S): DUPONT COST: 6.25 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
PHYSICS MEASUREMENT
REMARKS AND ABSTRACT:
(NO. 33) 2 1/2 HRS. AVERAGE INSTRUCTION TIME.
BASIC PHYSICS, TERMS, AND OPERATION OF LEVEL SIGHT AND FLOAT INSTRUMENTS.

EPAWC1878
INTRODUCTION TO CHROMATOGRAPHY DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: M
SOURCE(S): DUPONT COST: 23.75 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
CHEMICAL ANALYSIS ANALYTICAL TECHNIQUES INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
(NO. 47) 16 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES THE ADSORPTION AND ABSORPTION OF SOLIDS AND LIQUIDS; THE COMPONENTS OF A SAMPLING SYSTEM; A COLUMN'S DETECTORS AND THEIR CONSTRUCTION; CARRIER GASES; GAS AND LIQUID SAMPLES; THERMOCONDUCTIVITY; RETENTION TIME OF SAMPLE CONPONENTS; TIMER AND ATTENUATOR USES; BAR GRAPH AND SPECTRUM CHARTS; MEMORY DEVICES; AND STEP-BY-STEP CONSTRUCTION OF A SIMPLE CHROMATOGRAPHIC ANALYZER.

EPAWC1879
COLORIMETER OPERATION DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: M
SOURCE(S): DUPONT COST: 23.75 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
COLOR CHEMICAL ANALYSIS
REMARKS AND ABSTRACT:
(NO. 48) 16 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: COLORIMETER INTRODUCTION AND ARRANGEMENT OF THE COLORIMETER TOP; HOW TO PERFORM THE METER ZERO AND GRID CURRENT CHECKS; HOW TO STANDARDIZE THE COLORIMETER; HOW TO MAKE A COLOR MEASUREMENT; USE OF COLORIMETER ACCESSORY EQUIPMENT AND SIMPLE MAINTENANCE PROCEDURES; AND PROBLEMS COMMONLY ENCOUNTERED IN USING A COLORIMETER.

EPAWC188C
MULTISTAGE STEAM JET VACUUM PUMPS OPERATION DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: O
SOURCE(S): DUPONT COST: 10.75 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
JET PUMPS STARTUP SHUTDOWN
REMARKS AND ABSTRACT:
(NO. 57) 6 HRS. AVERAGE INSTRUCTION TIME.
COVERS THE OPERATION OF MULTISTAGE NONCONDENSING AND BAROMETRIC CONDENSING STEAM JET VACUUM PUMPS. IDENTIFICATION OF THE MAJOR PARTS OF THESE SYSTEMS AS WELL AS THE FLOW OF VAPOR, STEAM, AND WATER IS COVERED. STARTUP AND SHUTDOWN PROCEDURES FOR NONCONDENSING AND BAROMETRIC CONDENSING SYSTEMS ARE ALSO INCLUDED.

EPAW01881

SHEET METAL EDGINGS NOTCHING AND SEAMS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
METAL WORK
COST: 20.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 62) 12 1/2 HRS. AVERAGE INSTRUCTION TIME.
INTENDED FOR THE APPRENTICE WHO HAS HAD LITTLE OR NO PRACTICAL EXPERIENCE IN THE SHEET METAL SHOP. HE WILL LEARN HOW TO IDENTIFY THE VARIOUS COMMON TYPES OF EDGINGS AND SEAMS BY NAME AND FUNCTION, HOW THEY ARE FORMED, AND THE HOW AND WHY OF THE NOTCHING PROCEDURES REQUIRED TO MAKE THEM. THE SPECIAL TOOLS AND FIXTURES USED IN THE SHOP FOR THE FORMING OF EDGINGS, NOTCHES, AND SEAMS ARE NOT TREATED IN THIS COURSE.

EPAW01882

TEMPERATURE MEASUREMENT FILLED THERMAL SYSTEMS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
TEMPERATURE
MEASUREMENT
COST: 7.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 67) 4 HRS. AVERAGE INSTRUCTION TIME.
TEACHES FOUR CLASSES OF FILLED THERMAL SYSTEMS: LIQUID, MERCURY, VAPOR, AND GAS. INCLUDES: THERMAL SYSTEM SPEED OF RESPONSE; AMBIENT TEMPERATURE; FULL AND CASE COMPENSATION; AND TEMPERATURE TRANSMITTER (INPUT AND OUTPUT).

EPAW01883

MULTISTAGE STEAM JET VACUUM PUMPS TROUBLESHOOTING
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
TROUBLESHOOTING
JET PUMPS
MAINTENANCE
COST: 17.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 75) 11 HRS. AVERAGE INSTRUCTION TIME.
COVERS AN ECONOMICAL PROCEDURE FOR LOCATING, IDENTIFYING AND CORRECTING COMMON PROBLEMS IN METAL MULTISTAGE BAROMETRIC CONDENSING OR NONCONDENSING STEAM JET SYSTEMS. THE PROCEDURE INVOLVES THE USE OF A "GUIDE" OR OUTLINE AND IT IS AN EXTENSION OF THE SINGLE STAGE TROUBLESHOOTING PROCEDURE WHICH WAS TAUGHT IN PROGRAMMED INSTRUCTION COURSE NO. 21 (EPAW01875). RETURN OF THE SYSTEM TO PRODUCTION IN MINIMUM TIME IS EMPHASIZED.

EPAW01884

ADJUSTABLE HAND REAMERS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (SHOP)
COST: 9.25 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 77) 5 HRS. AVERAGE INSTRUCTION TIME.
SELECTION OF THE PROPER REAMER FOR THE JOB, AND THE USE, ADJUSTMENT AND CARE OF ADJUSTABLE REAMERS FOR DIFFERENT TYPES OF WORK.

EPAW01885
CALIBRATION ADJUSTMENTS ZERO SPAN AND LINEARITY DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: 0
SOURCE(S): DUPONT COST: 14.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
LABORATORY SKILLS MEASUREMENT
REMARKS AND ABSTRACT:
(NO. 85) 8 1/2 HRS. AVERAGE INSTRUCTION TIME.
BUILDS A PRACTICAL KNOWLEDGE OF OUTPUT ERROR CAUSED BY ZERO SHIFT, SPAN DIFFERENCE AND NON-LINEARITY; TEACHES DESIRE CURVE OF OUTPUT; AND ILLUSTRATES HYSTERESIS ERROR CURVE. THE TRAINEE WILL LEARN HOW TO CALIBRATE ONE, TWO, AND THREE POINTS; HOW TO PLOT OUTPUT ERROR CURVES; AND HOW TO ADJUST ZERO, SPAN, AND LINEARITY.

EPAW01886
TEMPERATURE MEASUREMENT STANDARDS AND CALIBRATION DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: 0
SOURCE(S): DUPONT COST: 7.25 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
MEASUREMENT PHYSICS TEMPERATURE
REMARKS AND ABSTRACT:
(NO. 100) 4 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: THE TWO FUNDAMENTAL FIXED POINTS, FIXED POINTS, SCALE DIVISION, TRUE VALUE, AND INDICATED VALUE; SCALE TERMS SUCH AS SCALE ACCURACY, SENSITIVITY, AND REPRODUCIBILITY; U.S. BUREAU OF STANDARDS, REFERENCE STANDARD (CERTIFIED THERMOMETERS), WORKING STANDARD, AND SENSITIVITY; SCALE CORRECTIONS; CALIBRATION BATHS SUCH AS TRI AND DRY ICE, ICE, WATER, STEAM, OIL AND SALT; AND CALIBRATION OF A GLASS THERMOMETER, INDUSTRIAL THERMOMETER, AND BIMETAL THERMOMETER.

EPAW01887
DISC STEAM TRAPS DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: 0
SOURCE(S): DUPONT COST: 5.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
STEAM
REMARKS AND ABSTRACT:
(NO. 104) 2 HRS. AVERAGE INSTRUCTION TIME.
HOW TO DISTINGUISH A DISC TRAP FROM FIVE MAJOR TYPES OF TRAPS. IDENTIFYING PARTS OF THE TRAP, AND EXPLAINING THE SEQUENCE OF STEPS IN THE OPERATING CYCLE. THE STEPS FOR REPAIR OF THE TRAP IN THE FIELD AND IN THE SHOP ARE ALSO DISCUSSED.

EPAW01888
THERMOSTATIC STEAM TRAPS DATE: 76-99
AUTHOR(S): DUPONT TYPE(S): PM CATEGORIES: 0
SOURCE(S): DUPONT COST: 5.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
STEAM
REMARKS AND ABSTRACT:
(NO. 105) 2 HRS. AVERAGE INSTRUCTION TIME.
HOW TO DISTINGUISH A THERMOSTATIC STEAM TRAP FROM FIVE MAJOR TYPES OF TRAPS. IDENTIFIES PARTS OF THE TRAP, AND EXPLAINS THE SEQUENCE OF STEPS IN THE OPERATING CYCLE. STEPS FOR REPAIR OF THE TRAP IN THE FIELD AND IN THE SHOP ARE INCLUDED. AN OPTIONAL REPAIR PROCEDURE FOR THE USE OF A "CAGE TYPE" OPERATING ELEMENT IS ALSO INCLUDED.

EPAWC1889

FLOAT THERMOSTATIC STEAM TRAPS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
STEAM
COST: 3.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: C
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 106) 1 HR. AVERAGE INSTRUCTION TIME.
HOW TO DISTINGUISH A FLOAT-THERMOSTATIC STEAM TRAP FROM FIVE MAJOR TYPES OF TRAPS. IDENTIFIES PARTS OF THE TRAP, AND EXPLAINS THE SEQUENCE OF STEPS IN THE OPERATING CYCLE. THE STEPS FOR REPAIR OF THE TRAP IN THE FIELD AND IN THE SHOP ARE INCLUDED.

EPAW01890

INVERTED BUCKET STEAM TRAPS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
STEAM
COST: 5.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: C
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 107) 1 1/2 HRS. AVERAGE INSTRUCTION TIME.
HOW TO DISTINGUISH AN INVERTED BUCKET STEAM TRAP FORM FIVE MAJOR TYPES OF TRAPS. IDENTIFIES PARTS OF THE TRAP, AND EXPLAINS THE SEQUENCE OF STEPS IN THE OPERATING CYCLE. THE STEPS FOR REPAIR OF THE TRAP IN THE FIELD AND IN THE SHOP ARE INCLUDED.

EPAW01891

TEMPERATURE MEASUREMENT THERMOCOUPLE THEORY
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
TEMPERATURE
COST: 21.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: C
COPYRIGHT:
DATE: 76-99
MEASUREMENT
REMARKS AND ABSTRACT:
(NO. 110) 14 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: DISSIMILAR WIRES; REFERENCE JUNCTION; MEASURING JUNCTION; THERMOCUPLE VOLTAGE DIFFERENCE; PLUS AND MINUS MILLIVOLTS; COMMON TYPES AND SIZES OF THERMOCUPLES; USE OF TEMP.-MILLIVOLT TABLES; SERIES AND PARALLEL CONNECTED THERMOCUPLES; USE OF EXTENSION WIRE AND ITS LIMITATIONS; THERMOCOUPLE TEMPERATURE LIMITS; WIRE POLARITY; NORMAL AND REVERSE POLARITY; REFERENCE JUNCTION TABLE CORRECTIONS; USE OF COPPER WIRE; GROUNDS; AND TYPE S (TEMP. STANDARD).

EPAW01892

IMPULSE STEAM TRAPS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
STEAM
COST: 6.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: C
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 111) 2 1/2 HRS. AVERAGE INSTRUCTION TIME.
HOW TO DISTINGUISH AN IMPULSE STEAM TRAP FROM FIVE MAJOR TYPES OF TRAPS. IDENTIFIES PARTS OF THE TRAP, AND EXPLAINS THE SEQUENCE OF STEPS IN THE OPERATING CYCLE. STEPS FOR REPAIR OF THE TRAP IN THE FIELD AND IN THE SHOP ARE INCLUDED.

EPAW01893
PEDESTAL AND BENCH GRINDERS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
EQUIPMENT (SHOP)
COST: 9.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 115) 4 1/2 HRS. AVERAGE INSTRUCTION TIME.
IDENTIFICATION OF THE TYPES OF GRINDERS AND THEIR PARTS; INSPECTION OF GRINDER GUARDS, WORK REST, AND GRINDING WHEEL; SAFETY PRECAUTIONS; DISASSEMBLY AND ASSEMBLY AND ASSEMBLY OF GRINDING WHEEL; AND CHECKOUT OF GRINDER.

EPAW01894
PRINCIPLES OF DISTILLATION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
TEMPERATURE
DISTILLATION
COST: 10.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 116) 6 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: HIGH AND LOW BOILERS; LIQUID-VAPOR COMPOSITION TABLES; COMPOSITION OF BOILING SOLUTIONS, SINGLE STAGE BATCH, AND CONTINUOUS DISTILLATION; MASS BALANCE AROUND A COLUMN; USE OF TEMPERATURE-COMPOSITION DIAGRAMS; EFFECT OF PRESSURE ON BOILING AND CONDENSING TEMPERATURES; AND TEMPERATURE AND PRESSURE INDICATORS AND RECORDERS FOR THE DISTILLATION PROCESS.

EPAW01895
WELDING TUNGSTEN INERT GAS TIG
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
METAL WORK
COST: 20.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 122) 13 HRS. AVERAGE INSTRUCTION TIME.
DESCRIBES STEPS TO BE TAKEN TO PREPARE A TIG TORCH: SET THE POWER SUPPLY UNIT, SET THE INERT GAS FLOW, PUT ON PROTECTIVE EQUIPMENT, STRIKE AND HOLD A TIG ARC, FORM A WELD PUDDLE AND MOVE IT A SHORT DISTANCE AND THEN SHUT DOWN THE EQUIPMENT.

EPAW01896
DOWTHERM HEATING
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITION
COST: 7.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 124) 4 HRS. AVERAGE INSTRUCTION TIME.
THERMAL AND PHYSICAL PROPERTIES OF DOWTHERM; VAPOR-PHASE HEAT TRANSFER, DECOMPOSITION, AND HAZARDS. TYPES OF HEATING SYSTEMS: COMPONENTS AND BASIC FUNCTIONING.

EPAWC1857

DISTILLATION PRACTICAL DISTILLATION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
DISTILLATION
COST: 13.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 126) 9 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: A REVIEW OF TEMPERATURE-COMPOSITION DIAGRAM USE; CALANDRIA AND HEAT EXCHANGERS; COLUMN CONTROL SYSTEM; EFFECT OF BASE TEMPERATURE CHANGES ON PRODUCT STREAMS; EFFECT OF FEED RATE CHANGES ON PRODUCT STREAMS; EFFECT OF FEED COMPOSITION CHANGES ON PRODUCT STREAMS; IDENTIFICATION OF TYPES OF TRAYS; COLUMN TEMPERATURE PROFILE; INTERNAL AND EXTERNAL REFLUX; AND EFFECT OF REFLUX RATION ON PRODUCT COMPOSITION.

EPAW01898

COST STEWARDSHIP UNIT 1
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ECONOMICS
BUDGET AND ACCOUNTING
COST: 8.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
COSTS
(NO. 137) 2 1/2 HRS. AVERAGE INSTRUCTION TIME.
A REVIEW OF OUR AMERICAN BUSINESS SYSTEM, ITS ACCOMPLISHMENTS AND ITS IMPORTANT CONCEPTS, AND HOW IT OPERATES. INCLUDES A REVIEW OF THE VITAL ROLE PLAYED BY PROFIT-MAKING IN OUR BUSINESS WITH SPECIAL EMPHASIS ON THE CONTROL AND MANAGEMENT OF THE ELEMENT OF COST.

EPAW01899

COST STEWARDSHIP UNIT 2
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
BUDGET AND ACCOUNTING
ECONOMICS
COST: 10.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 138) 5 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: A REVIEW OF HOW A TYPICAL AMERICAN BUSINESS SYSTEM MEASURES, ANALYZES AND CONTROLS IT ECONOMIC PERFORMANCE; DEVELOPMENT BY THE TRAINEE OF A GRAPHICAL REPRESENTATION OF A BASIC FORMULA TO DETERMINE THE RETURN ON INVESTMENT OF A BUSINESS; DEFINITION OF COMMONLY-USED BUSINESS TERMS SUCH AS PROFIT MARGIN, EARNINGS, COST TURNOVER, INVESTMENT, ETC.; AND EXAMPLES TO ILLUSTRATE HOW THESE SPECIFIC CONCEPTS AFFECT OVERALL BUSINESS PERFORMANCE. APPLICATION OF CONCEPTS FOR COMPANY IMPROVEMENT.

EPAWC1900

COST STEWARDSHIP UNIT 3
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
ECONOMICS
BUDGET AND ACCOUNTING
COST: 9.25 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 139) 3 HRS. AVERAGE INSTRUCTION TIME.
INCLUDES: A REVIEW OF THE PRINCIPLES AND CONCEPTS INVOLVED IN THE CONTROL AND REDUCTION OF COSTS IN A TYPICAL AMERICAN BUSINESS ENTERPRISE; DEVELOPMENT BY THE TRAINEE OF A GRAPHICAL REPRESENTATION OF ALL THE FACTORS THAT ENTER HIS AREA OF RESPONSIBILITY; DEFINITION OF COMMONLY USED TERMS SUCH AS UNIT COST AND PRODUCTIVITY WITH ILLUSTRATIVE EXAMPLES; MAJOR AREAS OF COST CONTROL NORMALLY FOUND IN MOST BUSINESS ENTERPRISES; AND A FIVE-STEP COST CONTROL CHECK LIST TO HELP SET UP A PROGRAM OF COST REDUCTION.

EPAW01901 DATE: 76-99
KNOW YOUR GASOLINE GASOLINE QUALITY
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 2.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
GAS POWER
REMARKS AND ABSTRACT:
(NO. 155) 2 HRS. AVERAGE INSTRUCTION TIME.
DISCUSSES EIGHT QUALITIES OF A GOOD GASOLINE: QUICK STARTING IN COLD WEATHER, LESS TENDENCY TO VAPOR LOCK IN HOT WEATHER, FAST ENGINE WARM-UP, DOES NOT CAUSE CRANKCASE DILUTION, FREEDOM FORM GUM, GOOD ACCELERATION, FREEDOM FROM HARMFUL EFFECTS OF SULFUR, HIGH ANTIKNOCK.

EPAW01902 DATE: 76-99
KNOW YOUR GASOLINE REFINERY PROCESSING
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 2.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
GAS POWER
REMARKS AND ABSTRACT:
(NO. 156) 2 HRS. AVERAGE INSTRUCTION TIME.
EXPLAINS THE CHEMICAL NATURE OF GASOLINE AND THE REFINERY PROCESSES THAT ARE USED TO CONVERT CRUDE OIL INTO HIGH QUALITY GASOLINE.

EPAW01903 DATE: 76-99
KNOW YOUR GASOLINE GASOLINE COMBUSTION
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 2.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T O
COPYRIGHT:
SUBJECT AREAS:
GAS POWER
ENGINES
REMARKS AND ABSTRACT:
(NO. 157) 2 HRS. AVERAGE INSTRUCTION TIME.
DESCRIBES THE FOUR-STROKE COMBUSTION CYCLE, EXPLAINING BOTH NORMAL AND ABNORMAL (KNOCKING) COMBUSTION.

EPAWC19C4 DATE: 76-99
KNOW YOUR GASOLINE OCTANE NUMBERS
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
COST: 3.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O T
COPYRIGHT:
SUBJECT AREAS:
GAS POWER
ENGINES
REMARKS AND ABSTRACT:
(NO. 158) 3 HRS. AVERAGE INSTRUCTION TIME.
REVIEWS THE MEANING AND SIGNIFICANCE OF THE OCTANE NUMBER SYSTEM USED TO RATE THE ABILITY OF A GASOLINE TO RESIST KNOCKING COMBUSTION.

EPAW01905

RIGGING HANDBOOK
AUTHOR(S): DUPONT
SOURCE(S): DUPONT
SUBJECT AREAS:
MATERIAL HANDLING
REMARKS AND ABSTRACT:
COST: 45.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
SAFETY
EQUIPMENT (CONSTRUCTION)
(NO. 162) 70PP.: POCKET SIZED HANDBOOKS AVAILABLE ONLY IN LOTS OF 50 COPIES FOR $45.00
DESIGNED AS A REFERENCE TO ASSIST IN SAFELY APPLYING THE BASIC RIGGING EQUIPMENT USED IN CONSTRUCTION AND MATERIALS HANDLING WORK. TOPICS COVERED INCLUDE RIGGING TERMS AND DEFINITIONS, ROPES, TACKLE, HOOKS, CHAIN FALLS, HOISTS, JACKS, ROLLERS, MOTOR CRANES, MEASURES, WEIGHTS OF MATERIALS, WIND FORCE, STRESS IN DERRICK GUYS, ETC. ALSO INCLUDED ARE MANY TABLES ON STREAGTHS OF WIRE ROPE, WIRE ROPE CLIPS, SHEAVE GROOVE TOLERANCES, STRENGTHS OF FIBER ROPE AND HOOKS, STANDARD HAND SIGNALS, ETC.

EPAW01907

REPORTING ACCIDENTAL SPILLS
AUTHOR(S): MD ICPRB
SOURCE(S): MD ICPRB
SUBJECT AREAS:
SPILLS (CHEMICAL)
WATER QUALITY
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: P
COPYRIGHT:
DATE: 74-10
WATER QUALITY
ENVIRONMENTAL CONTROL
ADMINISTRATIVE AGENCIES
9 PP.
BROCHURE REPLACES THE "PROGRAM FOR ACCIDENTAL SPILL REPORTING" PUBLICATION. ESTABLISHES A SPILL ALERT WATERS (SAW) PROGRAM.

EPAW01908

MATHEMATICAL MODELING OF WATER POLLUTION CONTROL PROCESSES
AUTHOR(S): KEINATH T M WANIELISTA M P
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
COMPUTERIZED SYSTEMS
STREAMS
REMARKS AND ABSTRACT:
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D T
COPYRIGHT: C
DATE: 75-10
MATHEMATICS
SAMPLING
BIOLOGICAL TREATMENT
445 PP, 142 FIGURES, 9 TABLES.
FOCUSES ON PROCESS PERFORMANCE MODELS IN WATER POLLUTION CONTROL.
PURPOSE TO ESTABLISH CURRENT STATUS OF EXISTING MODELS AND IDENTIFY THAT CAN BE USED IN REAL-WORLD APPLICATIONS.
DEFINES SIMPLIFIED MODELS FOR CLASSROOM USE AND MATHEMATICALLY SIMULATES ENVIRONMENTAL SYSTEMS DISCUSSED.
INCLUDES COMPUTER PRINT-OUTS, EXAMPLES, SOLUTIONS AND DETAILS NECESSARY TO USE THE PROGRAM.
FOR ENGINEERS, POLLUTION CONTROL OFFICIALS, WATER TREATMENT PLANT OPERATORS, CONSULTANTS, PROFESSORS OF ENVIRON ENGR.

EPAW01909 DATE: 74-00

MODELING THE EUTROPHICATION PROCESS
AUTHOR(S): MIDDLEBROOKS E J — FALKENBORG D — TYPE(S): PM — CATEGORIES: M O P S
SOURCE(S): ANN ARBOR — COST: 14.50 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
EUTROPHICATION — PLANKTON — LAKES — SAMPLING
REMARKS AND ABSTRACT:
AUTH: MALONEY T E, 228 PP, 119 FIGURES, 42 TABLES, 293 REFERENCES.
DISCUSSES EUTROPHICATION, IDENTIFICATION AND CONTROL FOR ANYONE INTERESTED IN LAKE RECOVERY.
COVERS ALGAE GROWTH DYNAMICS, LAKE RESTORATION, NUTRIENT LOADING, PHOSPHORUS DYNAMICS, THERMOCLINE MIGRATION.
ALSO COVERS ECOSYSTEM PERSPECTIVE, MULTI-NUTRIENT DYNAMIC MODELS, RATES OF CARBON, OXYGEN, NITROGEN, PHOSPHORUS
CYCLING. FURTHER CHAPTERS DEAL WITH PHYTOPLANKTON POPULATION CHANGES, NUTRIENT FLUCTUATIONS, DECIDUOUS FOREST BIOME.

EPAW01910 DATE: 76-00

ISOTOPES OF WATER AN ANNOTATED BIBLIOGRAPHY
AUTHOR(S): SUMMERS W K — ANN ARBOR — TYPE(S): PM — CATEGORIES: T
SOURCE(S): ANN ARBOR — COST: 20.00 P — LEVEL: 3 — COPYRIGHT: C
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES — RADIOACTIVITY
REMARKS AND ABSTRACT:
AUTH: SITTLER C IN PREPARATION.
BOOK ATTEMPTS TO COMPILE ALL REFERENCES THROUGH 1974 ON ISOTOPES OF WATER, DESIGNED TO SAVE HOURS OF LIBRARY RESEARCH.
RESEARCHER SHOULD BE ABLE TO CHOOSE AMONG OLDER REFERENCES AND CONCENTRATE ON NEWER ONES.
USERS OF THIS BOOK WILL BE GEOLOGISTS, GEOCHEMISTS, HYDROLOGISTS, METEOROLOGISTS, CLIMATOLOGISTS, SOIL CHEMISTS,
PHYSICISTS.

EPAW01911 DATE: 76-00

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AQUATIC HUMUS
AUTHOR(S): GJESSING E T — ANN ARBOR — TYPE(S): PM — CATEGORIES: O T
SOURCE(S): ANN ARBOR — COST: 14.50 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
ANALYTICAL TECHNIQUES — BIOLOGICAL ANALYSIS — AQUATIC MICROBIOLOGY
REMARKS AND ABSTRACT:
36 FIGURES, 23 TABLES, IN PREPARATION.
ONLY COMPREHENSIVE PUBLICATION ON AQUATIC HUMUS, THIS BOOK ORGANIZES USEFUL KNOWLEDGE OF HUMUS IN WATER.
BOOK INCLUDES BOTH SOIL AND WATER LITERATURE REVIEWS, AND DESCRIPTION OF AUTHOR'S EXPERIENCES AND RESULTS.
CONTRIBUTES TO A BETTER UNDERSTANDING OF CHEMICAL AND BIOLOGICAL CHANGES IN WATER.
FIRST BOOK TO CONCENTRATE ON THE WATER-SOLUBLE FRACTION.
USEFUL TO WATER CHEMISTS, SOIL CHEMISTS, WATERWORKS MANAGERS AND UNIVERSITIES.

EPAW01912 DATE: 76-02

MODELING BIOCHEMICAL PROCESSES IN AQUATIC ECOSYSTEMS
AUTHOR(S): CANALE R P — ANN ARBOR — TYPE(S): PM — CATEGORIES: O T
SOURCE(S): ANN ARBOR — COST: 22.50 P — LEVEL: 3 — COPYRIGHT: C
SUBJECT AREAS:
ECOSYSTEMS — AQUATIC GROWTHS — MATHEMATICS — PLANKTON
SAMPLING — LAKES — RIVERS
REMARKS AND ABSTRACT:
IN PREPARATION
DISCUSSES THE APPLICATION OF MATHEMATICAL MODELING TECHNIQUES TO PRACTICAL PROBLEMS OF WATER QUALITY MANAGEMENT.
EXPLORES PERTINENT QUESTIONS CONCERNING THE ENVIRONMENTAL IMPACT AND CONTROL OF EFFLUENTS.
COVERS THEORETICAL IDEAS CONCERNING MODEL DEVELOPMENT AND MODEL USE TO ASSIST IN INTERPRETING LABORATORY EXPERIMENTS.
CONSIDERS RELATIONSHIP BETWEEN MATHEMATICAL MODELS AND STUDIES OF PHYTOPLANKTON GROWTH, NUTRIENT CYCLING, SEDIMENT-
WATER INTERACTION. USEFUL TO LIMNOLOGISTS, ENVIRON ENGRS, WATER QUALITY ADMINISTRATORS/PLANNERS, BIOL, CHEM, CIVIL ENGR

EPAW01913

LAND TREATMENT AND DISPOSAL OF MUNICIPAL AND INDUSTRIAL WASTEWATER
AUTHOR(S): SANKS R L
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
300 PP EST, IN PREPARATION.
COVERS ENGINEERING METHODS, DESIGN, FEASIBILITY, CONSEQUENCES, ECONOMICS, ENVIRONMENTAL POLICIES AND COST DATA.
ASSISTS ENGINEER TO MAKE PRELIMINARY COST ESTIMATES FOR AN ENTIRE WASTE TREATMENT PROJECT.
ONLY COMPLETE REFERENCE ON THIS IMPORTANT NEW SUBJECT.

ANN ARBOR
COST: 20.00 P
DOMESTIC WASTEWATERS
TYPE(S): PM
LEVEL: 3
LAND DISPOSAL
CATEGORIES: D T
COPYRIGHT: C
DATE: 75-00

EPAW01914

MATHEMATICS FOR WATER AND WASTEWATER TREATMENT PLANT OPERATORS
AUTHOR(S): KIRKPATRICK J
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
BOOK 1: 491 PP, BOOK 2: 440 PP, SET PRICE: $20.00, 2 VOLUMES.
DESIGNED FOR USE IN INSTITUTIONAL PROGRAMS, IN-PLANT TRAINING PROGRAMS AND SELF-INSTRUCTION.
BOOK 1 GIVES OPERATOR FUNDAMENTAL UNDERSTANDING OF MATHEMATICS INVOLVED IN EACH TREATMENT PROCESS.
BOOK 1 EMPHASIZES PRACTICAL APPLICATION OF MATHEMATICS OF CALCULATING TREATMENT PLANT PROBLEMS.
PROBLEMS ARE PRESENTED IN CHAPTERS ACCORDING TO LEVEL OF DIFFICULTY BY TREATMENT PROCESS.
BOOK 2 FOLLOWS SAME FORMAT BUT WITH CONCEPTS AND PROBLEMS OF GREATER MATHEMATICAL DIFFICULTY.

ANN ARBOR
COST: 15.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: D T
COPYRIGHT: C
DATE: 73-00

EPAW01915

WASTEWATER TREATMENT TECHNOLOGY
AUTHOR(S): PATTERSON J W
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
INDUSTRIAL WASTES
HEAVY METALS
MANGANESE
REMARKS AND ABSTRACT:
265 PP.
THIS IS AN IN-DEPTH EVALUATION OF THE INDUSTRIAL SOURCES AND LEVELS OF 22 POLLUTANTS.
CRITICALLY EVALUATES AND COMPARES CAPABILITIES OF CURRENTLY AVAILABLE TREATMENT TECHNOLOGIES FOR THESE POLLUTANTS.
BASED PRIMARILY ON ACTUAL FULL-SIZE TREATMENT PLANT OPERATING EXPERIENCES.
INCLUDES A REVIEW OF THE COMPARATIVE ECONOMICS OF ALTERNATIVE TREATMENT TECHNOLOGIES
DIRECTLY USEFUL IN PROFESSIONAL POLLUTION CONTROL PRACTICE.

ANN ARBOR
COST: 22.50 P
ARSENIC
CHLORIDE
CYANIDE
BARIUM
PHENOLS
FLUORIDE
BORON
PH
TYPE(S): PM
LEVEL: 3
CATEGORIES: D M P S T
COPYRIGHT: C
DATE: 75-11

EPAW01916

WATER 1975
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
CHEMICAL TREATMENT WATER REUSE MEETINGS AND CONFERENCES TERTIARY TREATMENT
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L M P T
COPYRIGHT:
DATE: 75-00
REMARKS AND ABSTRACT:
(S-151) AICHE MEMBER COST $9.00.
CONSISTS OF PAPERS DESCRIBING THE MOST ADVANCED PROCESSES AND TECHNIQUES FOR WATER POLLUTION CONTROL AND WASTEWATER RENOVATION PRESENTED AT FOUR NATIONAL MEETINGS OF THE AICHE WITHIN THE PAST YEAR. TOPICS INCLUDE PAPERS DEALING WITH ZERO DISCHARGE AND THE ADVANCED CHEMICAL ENGINEERING PROCESSES THAT CAN ATTAIN IT.

EPAW01917

TRACE CONTAMINANTS IN THE ENVIRONMENT
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
TRACE METALS ENVIRONMENTAL CONTROL ECONOMICS LAWS AND REGULATIONS
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L M P T
COPYRIGHT:
DATE: 75-00
REMARKS AND ABSTRACT:
(S-149), 70 PP, AICHE MEMBER COST: $5.00.
FUNDAMENTAL AND APPLIED STUDIES ON AEROSOLS AND AIR POLLUTION; MOVEMENTS OF THE IMPORTANT CONTAMINANTS THROUGH THE ATMOSPHERE, HYDROSPHERE, AND LITHOSPHERE; EFFECT OF TRACE METALS ON MAN AND ENVIRONMENT; ECONOMIC AND REGULATORY ASPECTS OF TRACE ELEMENTS.

EPAW01918

INDUSTRIAL DESIGNS FOR POLLUTION CONTROL VOLUME 7
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN TERTIARY TREATMENT
COST: 16.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D L M P T
COPYRIGHT:
DATE: 75-00
REMARKS AND ABSTRACT:
(W-9), 98 PP, AICHE MEMBER COST $8.00.
CONTAINS 16 PAPERS ON THE SUBJECT OF POLLUTION AND ITS CONTROL. PROCEEDINGS OF A WORKSHOP ORGANIZED AND HELD UNDER THE AUSPICES OF THE AICHE WATER COMMITTEE IN NEW ORLEANS, LOUISIANA, OCTOBER 15-17, 1974.

EPAW01919

ADSORPTION AND ION EXCHANGE
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
ADSORPTION ION EXCHANGE WASTEWATER TREATMENT DESIGN
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O T
COPYRIGHT:
DATE: 75-00
REMARKS AND ABSTRACT:
(S-152), AICHE MEMBER COST $6.00.
COMPENDIUM OF PAPERS PRESENTED AT FOUR SEPARATE SYMPOSIA SPONSORED BY THE ADSORPTION/ION EXCHANGE COMMITTEE AT FOUR AICHE MEETINGS. THE PRIMARY FUNCTION OF ALL THESE SYMPOSIA WAS TO PRESENT ORIGINAL EXPERIMENTAL RESULTS, THEORETICAL DEVELOPMENTS, AND NEW PROCESSES IN THE FIELD OF ADSORPTION AND ION EXCHANGE.

EPAW01920

WATER 1974 PART 1
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
ECONOMICS
FLOCCULATION
MEETINGS AND CONFERENCES
SEDIMENTATION
ACTIVATED CARBON
REVERSE OSMOSIS
SPILLS (OIL)
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O T P
COPYRIGHT:
DATE: 74-00
REMARKS AND ABSTRACT:
(S-144), 400 PP, AICHE MEMBER COST $8.00.
PAPERS CONCERNING INDUSTRIAL PROBLEMS COMPILED FROM AICHE SYMPOSIA. TOPICS INCLUDE SOCIO-ECONOMIC IMPACT OF POLLUTION CONTROL, FLOCCULATION AND SEDIMENTATION, REVERSE OSMOSIS, ENZYMES AND WASTEWATER TREATMENT, COLD CLIMATE WASTEWATER TREATMENT, OIL SPILLS, ACTIVATED CARBON REGENERATION, AND PROBLEMS FOR CHE STUDENTS.

EPAW01921

WATER 1974 PART 2
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
MEETINGS AND CONFERENCES
PROCESS CONTROL
LAND DISPOSAL
AUTOMATIC CONTROL
DOMESTIC WASTEWATERS
ECOSYSTEMS
LEACHATE
NUTRIENT REMOVAL
WATER TREATMENT PLANTS
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O M P T
COPYRIGHT:
DATE: 75-00
REMARKS AND ABSTRACT:
(S-145), 400 PP, AICHE MEMBER COST $8.00.
PAPERS CONCERNING MUNICIPAL WASTEWATER TREATMENT. TOPICS INCLUDED POLLUTANT SOURCES AND EFFECTS, NATURAL ECOSYSTEMS, PHOSPHORUS AND NITROGEN REMOVAL, OPTIMIZATION OF POLLUTION CONTROL PLANTS, MUNICIPAL WATER AND WASTEWATER PROBLEMS, EPA-DC PILOT PLANT STUDIES, LAND DISPOSAL OF WASTEWATER, LANDFILL LEACHATE, AND AUTOMATION.

EPAW01922

PETROLEUM PETROCHEMICAL INDUSTRY AND THE ECOLOGICAL CHALLENGE
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
ECONOMICS
SPILLS (OIL)
WASTEWATER TREATMENT DESIGN
FUELS
PROCESS CONTROL
ENVIRONMENTAL CONTROL
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D M O P T
COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
(S-135), 210 PP, AICHE MEMBER COST $6.50.
EXTENDED ABSTRACTS OF OVER 100 PAPERS PRESENTED AT THE 1973 NEW ORLEANS MEETING. ECONOMICS, MARKETING, PROCESS TECHNOLOGY, PLANT OPERATIONS, PETROLEUM PRODUCTION.

EPAW01923

WATER 1971
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
ACTIVATED SLUDGE
REVERSE OSMOSIS
MEETINGS AND CONFERENCES
LIME PRECIPITATION
ECOSYSTEMS
RESOURCE RECOVERY
SAMPLING
ELECTRODIALYSIS
SPILLS (OIL)
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D M O P T
COPYRIGHT:
DATE: 72-00
REMARKS AND ABSTRACT:
(S-124), 536 PP, AICHE MEMBER COST $9.00.
COVERS MOST OF THE SYMPOSIUM SESSIONS OF THE AICHE FOR 1971 ON COALESCENCE, ACTIVATED SLUDGE, LIME PRECIPITATION, BY-PRODUCT RECOVERY, ELECTROPHORESIS, REVERSE OSMOSIS, HEAT TRANSFER, AND BUBBLE FRACTIONATION, AS WELL AS REPRESENTATIVE PAPERS ON ECOLOGICAL MODELING, OIL SPILLS, AND MINERAL RECOVERY, REPORTS FROM "POLLUTION SOLUTION GROUPS" AND AN IN-DEPTH DISCUSSION OF THE MEASUREMENT OF WASTEWATER PARAMETERS.

EPAW01924

WATER 1959 DATE: 69-00
AUTHOR(S): AICHE TYPE(S): PM CATEGORIES: D M O T
SOURCE(S): AICHE COST: 20.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ULTIMATE DISPOSAL ELECTRODIALYSIS THERMAL POLLUTION AERATION
RIVERS REVERSE OSMOSIS SPILLS (OIL) ADSORPTION
ION EXCHANGE DIATOMITE FILTRATION
MEETINGS AND CONFERENCES
REMARKS AND ABSTRACT:
(S-97), 315 PP, AICHE MEMBER COST $8.00.
ULTIMATE DISPOSAL OF WASTEWATER, WASTE HEAT AND THE WATER ENVIRONMENT, INDUCED RIVER AERATION, RECENT ADVANCES IN WATER TREATMENT, OIL SPILLAGE CONTROL, SAVING AMERICA'S LAKES. TECHNICAL MATERIAL ON SYNTHETIC RESINOUS ADSORBENTS, CONTINUCUS ION EXCHANGE, DISTOMITE FILTRATION, REVERSE OSMOSIS, ELECTRODIALYSIS.

EPAW01925

WATER 1968 DATE: 68-00
AUTHOR(S): AICHE TYPE(S): PM CATEGORIES: D O P T
SOURCE(S): AICHE COST: 20.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
SYSTEMS ANALYSIS AND MODELING REGIONALIZATION DESALINATION WATER REUSE
MEETINGS AND CONFERENCES COSTS DOMESTIC WASTEWATERS ION EXCHANGE
REVERSE OSMOSIS MEMBRANE FILTRATION INDUSTRIAL WASTES DATA EVALUATION
REMARKS AND ABSTRACT:
(S-90), 339 PP, AICHE MEMBER COST $8.00.
MATHEMATICAL TOOLS FOR MEASUREMENT OF WATER QUALITY AND POSSIBLE CONTROL OF POLLUTION (REGIONAL MODELING), TRANSPORT OF WASTE IN FLUIDS, APPLICATION OF SYSTEMS THEORY TO POLLUTION PROBLEM, ADVANCES AND PROSPECTS IN LARGE-SCALE DESALINATION, ANALYSIS OF CAPITAL AND OPERATING COST FOR A TYPICAL MUNICIPAL WASTEWATER TREATMENT PLANT, ION EXCHANGE, REVERSE OSMOSIS MEMBRANES, REUSE IN PULP AND PAPER AND BEET SUGAR INDUSTRIES.

EPAW01926

WATER REUSE DATE: 68-00
AUTHOR(S): AICHE TYPE(S): PM CATEGORIES: L M P T
SOURCE(S): AICHE COST: 20.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
WATER REUSE SLUDGE DISPOSAL LAWS AND REGULATIONS VIRUS
INTERNATIONAL ACTIVITIES
REMARKS AND ABSTRACT:
(S-78), 275 PP, AICHE MEMBER COST $6.00.
EVALUATION OF WATER RESOURCES, PROCESSES OF WATER RECLAMATION, SLUDGE DISPOSAL, VIRUS REMOVAL, WATER RESOURCES AND THE LAW. INCLUDES STUDIES OF REUSE IN THE UNITED STATES, SOUTH AFRICA, ITALY, ENGLAND, MEXICO, JAPAN, ISRAEL, OTHERS.

EPAW01927

NITROGEN AND PHOSPHORUS FOOD PRODUCTION WASTE AND THE ENVIRONMENT
AUTHOR(S): BOULDIN D H CAPENER H R
SOURCE(S): ANN ARBOR COST: 20.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: T P E DATE: 75-11
COPYRIGHT:
SUBJECT AREAS:
NITROGEN
ENVIRONMENTAL EFFECTS PHOSPHOROUS NUTRIENT REMOVAL
WATERSHEDS EUTROPHICATION
REMARKS AND ABSTRACT:
AUTH: CASLER G L, LOEHR R C, OGLESBY R T.
EXAMINES THE CULPABILITY OF AGRICULTURE AS A MAJOR SOURCE OF NITROGEN AND PHOSPHORUS LOADING IN STREAMS AND LAKES. EXAMINES IN DETAIL A WHOLE WATERSHED AND IDENTIFIES AND QUANTIFIES THE EFFECTS, AND THE CAUSES OF NUTRIENT MOVEMENT WITHIN THE ENVIRONMENT.

EPAW01928

PROCEEDINGS OF THE ANNUAL WWEMA POLLUTION CONTROL CONFERENCE 3RD
AUTHOR(S): LANGWORTHY V W
SOURCE(S): ANN ARBOR COST: 25.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: D M T E DATE: 75-09
COPYRIGHT:
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN WATER REUSE
INSTRUMENTATION (PLANT) MEETINGS AND CONFERENCES INDUSTRIAL WASTES MONITORING
REMARKS AND ABSTRACT:
916 PP.
EACH CHAPTER IN THIS VOLUME COMES FROM A SPECIALIST IN HIS TOPIC. IT IS AIMED LARGELY AT SOLVING INDUSTRIAL POLLUTION CONTROL PROBLEMS, IS STRONG IN WASTEWATER AND INSTRUMENTATION TOPICS, ALTHOUGH AIR, NOISE AND SOLID WASTE ARE INCLUDED.

EPAW01929

ENERGY AGRICULTURE AND WASTE MANAGEMENT
AUTHOR(S): JEWELL W J
SOURCE(S): ANN ARBOR COST: 22.50 P TYPE(S): PM LEVEL: 3 CATEGORIES: P T DATE: 75-10
COPYRIGHT:
SUBJECT AREAS:
ENERGY
REMARKS AND ABSTRACT: ANAEROBIC DIGESTION AGROCHEMICALS
(CAT NO 0144), 340 PP.
CONCENTRATES ON ENERGY CONSUMED IN FOOD PRODUCTION AND VARIOUS PHILOSOPHIES THAT RELATE TO VARIOUS AGRICULTURES, TECHNOLOGY AND ENERGY COSTS OF POLLUTION CONTROL, AND POTENTIAL FOR PRODUCING ENERGY FROM AGRICULTURAL WASTES.

EPAW01930

WASTE MANAGEMENT CONTROL RECOVERY AND REUSE
AUTHOR(S): KIROV N Y
SOURCE(S): ANN ARBOR COST: 19.50 P TYPE(S): PM LEVEL: 3 CATEGORIES: E T L P DATE: 75-03
COPYRIGHT:
SUBJECT AREAS:
PLANNING
WASTEWATER DISPOSAL INDUSTRIAL WASTES WATER REUSE
ENERGY LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
229 PP, 51 FIGURES, 56 TABLES, 173 REFERENCES.
A WIDE AND INCLUSIVE RANGE OF SUBJECTS IS COVERED IN THIS REPORT OF THE 1974 AUSTRALIAN WASTE DISPOSAL CONFERENCE AT THE UNIVERSITY OF NEW SOUTH WALES. COVERS: SURVEYS AND PROBLEMS ASSESSMENTS, ADVANCES IN WASTE COLLECTION AND HANDLING, TREATMENT AND DISPOSAL OF LIQUID WASTES DISPOSAL METHODS, INDUSTRIAL WASTE CONTROL, RESOURCE RECOVERY AND REUSE, AND LEGISLATIVE ASPECTS. REVEALS THE INFLUENCE OF ENERGY AS A MAJOR FACTOR.

EPAWC1931
ENVIRONMENTAL POLLUTION AND CONTROL
AUTHOR(S): VESILIND P A
SOURCE(S): ANN ARBOR COST: 10.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: E COPYRIGHT: DATE: 75-00
SUBJECT AREAS:
ENVIRONMENTAL CONTROL ENVIRONMENTAL EFFECTS WATER TREATMENT WATER QUALITY
PUBLIC EDUCATION
REMARKS AND ABSTRACT:
(CAT NO 0125), 232 PP, 96 FIGURES, 26 TABLES.
THIS TEXT WAS DEVELOPED FROM A POPULAR CLASS AT DUKE UNIVERSITY. IT HELPS NONTECHNICAL STUDENTS UNDERSTAND THE LANGUAGE AND IDEAS OF POLLUTION CONTROL. IT COVERS THE WHOLE FIELD OF AIR, WATER, SOLID WASTE, AND NOISE.

EPAWC1932
ANALYTICAL METHODS APPLIED TO AIR POLLUTION MEASUREMENTS
AUTHOR(S): STEVENS R K HERGET W F
SOURCE(S): ANN ARBOR COST: 20.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: M L COPYRIGHT: DATE: 74-00
SUBJECT AREAS:
MONITORING ANALYTICAL TECHNIQUES LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
(CAT NO 0091), 320 PP, 136 FIGURES, 29 TABLES, 155 REFERENCES.
COVERS: METHODS OF MEASURING, GOVERNMENTAL PROGRAMS TO IMPROVE POLLUTION MONITORING PROCEDURES, TECHNIQUES PRESCRIBED IN THE FEDERAL REGISTER, PERFORMANCES OF VARIOUS CONTINUOUS INSTRUMENTAL AIR POLLUTION MONITORS, MEASUREMENT METHODS, USE OF LASERS AND OTHER ELECTRO-OPTICAL DEVICES.

EPAWC1933
MODELS FOR ENVIRONMENTAL POLLUTION CONTROL
AUTHOR(S): DEININGER R A
SOURCE(S): ANN ARBOR COST: 24.50 P TYPE(S): PM LEVEL: 3 CATEGORIES: D T COPYRIGHT: DATE: 74-00
SUBJECT AREAS:
WASTEWATER DISPOSAL SYSTEMS ANALYSIS AND MODELING
REMARKS AND ABSTRACT:
(CAT NO 0069), 464 PP, 91 FIGURES, 22 TABLES, 350 REFERENCES.
TEXT CONTAINS MATHEMATICAL MODELS AND OPTIMIZATION TECHNIQUES REGARDING THE CONTROL OF AIR AND WATER POLLUTION, SOLID WASTE DISPOSAL, NOISE AND GENERAL RESOURCES DEVELOPMENT.

EPAWC1934
DESIGN OF ENVIRONMENTAL INFORMATION SYSTEMS
AUTHOR(S): DEININGER R A
SOURCE(S): ANN ARBOR COST: 24.50 P TYPE(S): PM LEVEL: 3 CATEGORIES: D T COPYRIGHT: DATE: 74-00
SUBJECT AREAS:
WASTEWATER DISPOSAL SYSTEMS ANALYSIS AND MODELING INFORMATION SYSTEMS
REMARKS AND ABSTRACT:
(CAT NO 0070), 422 PP, 51 FIGURES, 461 REFERENCES, 26 TABLES.
MAJOR EMPHASIS OF THE VOLUME IS DESTRIBUTED EQUALLY BETWEEN AIR, WATER POLLUTION AND SOLID WASTES CONTROL AND DISPOSAL.

EPAW01935
PLANT ENGINEERING AND MAINTENANCE TECHNIQUES DATE: 74-00
AUTHOR(S):
SOURCE(S): ANN ARBOR COST: 20.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: O P S COPYRIGHT:
SUBJECT AREAS:
MAINTENANCE SAFETY LUBRICATION WATER TREATMENT DESIGN
BUDGET AND ACCOUNTING WASTEWATER TREATMENT DESIGN
REMARKS AND ABSTRACT:
(CAT NO 0028), 382 PP, 24 TABLES, 104 FIGURES.
SUBMITTED AT THE 25TH ANNUAL PLANT ENGINEERING AND THE MAINTENANCE CONFERENCE AT CLEVELAND IN MARCH 1975, THIS SERIES OF 55 REPORTS IS BASED ON ACUTAL EXPERIENCE.

EPAW01936
SCIENCE AND ENGINEERING FOR POLLUTION FREE SYSTEMS DATE: 75-02
AUTHOR(S): KROFCHAK D STONE J N TYPE(S): PM CATEGORIES: D T P
SOURCE(S): ANN ARBOR COST: 15.95 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN WATER REUSE CASE STUDIES
REMARKS AND ABSTRACT:
(CAT NO 0115), 337 PP, 82 FIGURES, 53 TABLES.
USING THE CASE STUDY METHOD ALONG WITH APPLICABLE BASIC INFORMATION, THE THEME OF THIS BOOK IS "DESIGN POLLUTION PROBLEMS OUT -- DIRECTLY OR BY RECYCLE". ILLUSTRATES HOW IT IS OFTEN POSSIBLE TO TURN COSTLY ABATEMENT PROGRAMS INTO COST-SAVING OR MONEY-MAKING PRODUCTION PROCESS IMPROVEMENTS. BASICALLY COVERING POLLUTION PROBLEMS ASSOCIATED WITH CONTINUOUS FLOW PROCESSES AND ORIENTED TOWARD LIQUIDS, THE VOLUME INCLUDES GASEOUS EFFLUENTS AS RELATED TO THE PRIMARY SUBJECT.

EPAW01937
PUMP SELECTION A CONSULTING ENGINEERS MANUAL DATE: 75-00
AUTHOR(S): WALKER R TYPE(S): PM CATEGORIES: D O
SOURCE(S): ANN ARBOR COST: 10.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
PUMPS DESIGN MAINTENANCE
REMARKS AND ABSTRACT:
(CAT NO 0049), 128 PP, 15 FIGURES, 7 TABLES.
TELLS WHAT YOU NEED TO KNOW ABOUT FLUID PUMP SELECTION, APPLICATION, DESIGN AND PERFORMANCE CHARACTERISTICS. FROM IT YOU CAN SPECIFY PUMPING EQUIPMENT REQUIRED TO SUIT YOUR SPECIFIC INSTALLATIONS, WITH ESSENTIAL DESIGN PARAMETERS TO INSURE RELIABLE AND EFFICIENT SERVICE WITH MINIMUM ANNUAL COSTS.

EPAW01938
WATER RESOURCES INSTRUMENTATION VOLUME 1 MEASURING AND SENSING METHODS DATE: 74-06
AUTHOR(S): KRIZEK R J MOSONYI E F TYPE(S): PM CATEGORIES: D M
SOURCE(S): ANN ARBOR COST: 22.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
INSTRUMENTATION (PLANT) HYDRAULICS HYDROLOGY MONITORING
SAMPLING
REMARKS AND ABSTRACT:
(CAT NO 0110), 592 PP, 202 FIGURES, 93 TABLES, 261 REFERENCES; TWO VOLUME SET COST $37.50.
COVERING AND EXTENSIVE RANGE OF INSTRUMENTS AND SYSTEMS TO MEASURE AND MONITOR WATER QUALITY AND QUANTITY, THIS IS THE COMPLETE PROCEEDINGS OF THE INTERNATIONAL WATER RESOURCES ASSOCIATION CONFERENCE, HELD AT CHICAGO IN JUNE 1974. TO BE USED IN CONJUNCTION WITH EPAW01939, "WATER RESOURCES INSTRUMENTATION-VOL 2-DATA ACQUISITION AND ANALYSIS".

EPAWC1939

WATER RESOURCES INSTRUMENTATION VOLUME 2 DATA ACQUISITION AND ANALYSIS
AUTHOR(S): KRIZEK R J MOSONYI E F
SOURCE(S): ANN ARBOR COST: 22.50 P
TYPE(S): PM LEVEL: 3
DATE: 74-06
CATEGORIES: D M
COPYRIGHT:
SUBJECT AREAS:
DATA EVALUATION
MONITORING
STATISTICAL ANALYSIS
GROUNDWATER
ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
(CAT NO 0111), 590 PP, 227 FIGURES, 46 TABLES, 375 REFERENCES; TWO VOLUME SET COST $37.50.
COVERING AN EXTENSIVE RANGE OF INSTRUMENTS AND SYSTEMS TO MEASURE AND MONITOR WATER QUALITY AND QUANTITY, THIS IS THE COMPLETE PROCEEDINGS OF THE INTERNATIONAL WATER RESOURCES ASSOCIATION CONFERENCE, HELD AT CHICAGO IN JUNE 1974. TO BE USED IN CONJUNCTION WITH EPAW01938, "WATER RESOURCES INSTRUMENTATION-VOL 1-MEASURING AND SENSING METHODS".

EPAWC1940

ANALYSIS OF FLOW IN PIPE NETWORKS
AUTHOR(S): JEPPSON R W
SOURCE(S): ANN ARBOR COST: 15.00 P
TYPE(S): PM LEVEL: 3
DATE: 76-02
CATEGORIES: D T
COPYRIGHT:
SUBJECT AREAS:
WATER TREATMENT DESIGN
COMPUTER PROGRAMS
HYDRAULICS
PIPES
FLOW MEASUREMENT
REMARKS AND ABSTRACT:
(CAT NO 0150), 154 PP.
COVERS THE MOST UP-TO-DATE METHODS FOR ANALYZING FLOW RATES AND PRESSURES THROUGHOUT LARGE FLUID DISTRIBUTION SYSTEMS, WITH SPECIAL EMPHASIS ON HOW THEY ARE IMPLEMENTED IN COMPUTER PROGRAMS. IT COVERS FUNDAMENTAL PRINCIPLES OF FLUID MECHANICS, SYSTEMS OF EQUATIONS WHOSE SOLUTIONS GIVE FLOW RATES, PRESSURES AND HEAD LOSSES THROUGHOUT LARGE PIPE NETWORKS; LINEAR THEORY, NEWTON-RAPHSON, AND HARDY-CROSS METHODS FOR SOLVING EQUATIONS; AND PROBLEMS AND SOLUTIONS TO PROVIDE ADDITIONAL EXPERIENCE IN APPLYING THE PRINCIPLES, CONCEPTS AND TECHNIQUES.

EPAWC1941

ENVIRONMENTAL BIOGEOCHEMISTRY
AUTHOR(S): NRIAGU J O
SOURCE(S): ANN ARBOR COST: 0.00
TYPE(S): PM LEVEL: 3
DATE: 76-03
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
ECOSYSTEMS
CHEMISTRY
BIODEGRADATION
REMARKS AND ABSTRACT:
THIS IS THE PROCEEDINGS OF THE 2ND INTERNATIONAL SYMPOSIUM ON ENVIRONMENTAL BIOGEOCHEMISTRY ORGANIZED BY THE CANADA CENTRE FOR INLAND WATERS AND COSPONSORED BY UNESCO, INTERNATIONAL ASSN OF GEOCHEMISTRY AND COSMOCHEMISTRY, THE GEOCHEMICAL SOCIETY AND THE CANADIAN SOCIETY OF MICROBIOLOGISTS. EXPERTS INTEGRATE RELEVANT CONTRIBUTIONS FROM GEOSCIENCE, BIOLOGY, AND CHEMISTRY INTO A SINGLE CONCEPTUAL FRAMEWORK. GENERALLY, IT USES THE SYSTEMS APPROACH TO EVALUATE THE ENERGY AND MASS BUDGETS OF ELEMENTAL OR MINERAL CYCLES.

EPAW01942

BIOSTIMULATION AND NUTRIENT ASSESSMENT
AUTHOR(S): MIDDLEBROOKS E F FALKENBORG D H
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
BIOASSAY
REMARKS AND ABSTRACT:
COST: 22.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 76-03
BIODEGRADATION
EUTROPHICATION
NUTRIENT REMOVAL
(CAT NO 0161), 392 PP, 120 FIGURES, 115 TABLES, 231 REFERENCES.
INCLUDES: BIOASSAY EVALUATION, COMPARISON OF PRODUCTIVITY AS MEASURED BY BIOASSAYS AND AS PREDICTED BY CHEMICAL ANALYSES, WATER QUALITY DATA AVAILABLE FOR HUNDREDS OF NATURAL WATERS, EVALUATIONS OF THE VARIOUS TECHNIQUES FOR ASSESSING PRODUCTIVITY IN LIMITING NUTRIENT OR TRACE ELEMENTS, IMPACT OF NUTRIENT REMOVAL FROM WASTEWATER, EVALUATION PROCEDURES USED TO RELATE CHEMICAL ANALYSES AND THE BIOASSAY RESULTS.

EPAWC1943

WATER POLITICS AND PUBLIC INVOLVEMENT THEORY METHOD AND PRACTICE
AUTHOR(S): PIERCE J C DOERKSEN H R
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
COST: 15.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E L
COPYRIGHT:
DATE: 76-05
WATER RESOURCES
(CAT NO 01551).
COVERS THE ANALYTIC AND METHODOLOGICAL APPROACHES TO THE STUDY OF PUBLIC POLICY PROBLEMS, PLUS INFORMATION ABOUT THE POLITICS OF WATER RESOURCES AND THE FORCES THAT CONSTRAIN FORMATION OF WATER RESOURCES POLICY.

EPAW01944

STATISTICAL CALCULATIONS APPLICATIONS AND SOLUTIONS
AUTHOR(S): MIDDLEBROOKS E F
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
COST: 12.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
COPYRIGHT:
DATE: 76-01
(CAT NO 0152)
GIVES DETAILED SOLUTIONS TO PRACTICAL STATISTICAL PROBLEMS COUPLED WITH COMPLETE PRESENTATIONS OF EXPERIMENTS AND EXAMPLES.

EPAW01945

PROCEEDINGS OF THE NATIONAL CONFERENCE ON CONTROL OF HAZARDOUS MATERIAL SPILLS 1974
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
HAZARDOUS POLLUTANTS
REMARKS AND ABSTRACT:
COST: 25.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L P O
COPYRIGHT:
DATE: 74-00
SPILLS (CHEMICAL)
LAWS AND REGULATIONS
(P-9), 388 PP.
1974 NATIONAL CONFERENCE HIGHLIGHT FEDERAL AND STATE LEGISLATIVE PROGRAMS, ENVIRONMENTAL CONSIDERATIONS AND PROJECTIONS, AND FEDERAL REGULATIONS ON THE DESIGNATION, REMOVABILITY, AND PENALTY ASSESSMENTS FOR SPILLED HAZARDOUS MATERIALS. SESSIONS ON PREVENTION, CONTINGENCY PLANNING AND RESPONSE, CONTAINMENT, CLEANUP AND REMOVAL DEMONSTRATED THE IMPORTANCE OF THESE TOPICS; ADDITIONAL SESSIONS WERE DEVOTED TO DISCUSSION OF POLLUTION PROBLEMS ASSOCIATED WITH SPILLS, ECONOMIC AND SOCIAL ASPECTS OF SPILLS, AND THE MINIMIZATION OF SPILLS. REPORTS ON EPA RESEARCH

EPAW01946
INDUSTRIAL PROCESS DESIGN FOR POLLUTION CONTROL VOLUME 6
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS: COST: 16.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: D T DATE: 74-00
WASTEWATER TREATMENT DESIGN INDUSTRIAL WASTES SYSTEMS ANALYSIS AND MODELING STANDARDS
COPYRIGHT:
REMARKS AND ABSTRACT:
(W-8), AICHE MEMBER COST $8.00.
CONTAINS PAPERS ON DESIGN FOR BOTH AIR AND WATER POLLUTION CONTROL, SOLID WASTE MANAGEMENT, AND ECONOMIC MODELING METHODS AND APPLICATION TO DESIGN FOR POLLUTION CONTROL. TWO PAPERS DISCUSS CURRENT AND ANTICIPATED PERFORMANCE STANDARDS INCLUDING "BEST PRACTICAL" AND "BEST AVAILABLE" TECHNOLOGY.

EPAW01947
INDUSTRIAL PROCESS DESIGN FOR POLLUTION CONTROL VOLUME 5
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS: COST: 15.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: D T M DATE: 74-00
WASTEWATER TREATMENT DESIGN INDUSTRIAL WASTES INCINERATION COSTS
RESOURCE RECOVERY
COPYRIGHT:
REMARKS AND ABSTRACT:
(W-7), 100 PP, AICHE MEMBER COST: $7.50.
FEATURES SEVEN PAPERS ON REDUCTION OF POLLUTION BY PROCESS MODIFICATION, FIVE PAPERS ON INCINERATORS AND INCINERATION SYSTEMS DESIGNED FOR USE IN INDUSTRIAL PROCESS PLANTS, PLUS THE SOLUTION TO A TYPICAL SET OF POLLUTION CONTROL PROBLEMS IN CHEMICAL PROCESS PLANTS. VARIOUS ALTERNATE APPROACHES TO ENVIRONMENTAL CONTROL ARE CONSIDERED INCLUDING BY-PRODUCT RECOVERY AND REUSE OR SALE, VARIOUS METHODS FOR WASTEWATER PURIFICATION AND POSSIBILITIES FOR CONTRACTING FOR WASTE DISPOSAL SERVICES. PERFORMANCE AND COST DATA ON POSSIBLE ALTERNATES ARE PROVIDED.

EPAWC1948
DEVELOPMENTS IN PHYSICAL ADSORPTION
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS: COST: 20.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: D T DATE: 69-00
ADSORPTION
COPYRIGHT:
REMARKS AND ABSTRACT:
(S-96), 121 PP, AICHE MEMBER COST $5.00.
PORE STRUCTURE IN ADSORPTION AND CATALYSIS, EFFECTS OF NONLINEAR EQUILIBRIUM ON ADSORPTION KINETICS, ANALYSIS OF THE ADIABATIC ADSORBER, SIMULATION AND DESIGN OF ADSORBER BEDS FOR SPACECRAFT, DETERMINATION OF BREAKTHROUGH CURVES, PREDICTING THE DESORPTION OF NORMAL PARAFFINS FROM MOLECULAR SIEVES.

EPAWC1949
PHYSICAL ADSORPTION PROCESSES AND PRINCIPLES
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS: COST: 20.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: D T DATE: 67-00
ADSORPTION
COPYRIGHT:
REMARKS AND ABSTRACT:
(S-74), 96 PP, AICHE MEMBER COST $5.00.
THEORY OF ADSORPTION AS WELL AS INDUSTRIAL APPLICATIONS.

EPAW01950 DATE: 74-00

WATER 1973
AUTHOR(S): AICHE
SOURCE(S): AICHE
COST: 25.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M D
COPYRIGHT:

SUBJECT AREAS:
ANALYTICAL TECHNIQUES
FLOCCULATION
HEAVY METALS
RESOURCE RECOVERY
MONITORING
SLUDGE THICKENING
REVERSE OSMOSIS
SYSTEMS ANALYSIS AND MODELING
BIOLOGICAL TREATMENT
MEETINGS AND CONFERENCES
INDUSTRIAL WASTES
PHOSPHOROUS
DESALINATION

REMARKS AND ABSTRACT:
(S-136), 852 PP, AICHE MEMBER COST $12.00.
SEVENTH ANNUAL COMPILATION OF PAPERS CONCERNING WATER POLLUTION FROM AICHE SYMPOSIA; INCLUDES MONITORING AND ANALYSIS, MODELING ENVIRONMENTAL ECOLOGICAL SYSTEMS, APPLICATION OF MODELING CONCEPTS TO WATER PURIFICATIONS PROCESSES, FLOCCULATION AND THICKENING, BIOLOGICAL TREATMENT, PHOSPHOROUS REMOVAL, REMOVAL OF HEAVY METALS FROM WATER AND WASTEWATER FOR MUNICIPAL USE, REVERSE OSMOSIS, DESALTING, TRENDS IN WASTEWATER TREATMENT IN THE PETROLEUM AND PETROCHEMICAL INDUSTRIES, THE ELECTRIC POWER INDUSTRY, AND RECOVERY OF BYPRODUCTS THROUGH WASTEWATER TREATMENTS.

EPAW01951 DATE: 75-00

ECOSYSTEMS TECHNOLOGY THEORY AND PRACTICE
AUTHOR(S): AICHE
SOURCE(S): AICHE
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:

SUBJECT AREAS:
ECOSYSTEMS
SYSTEMS ANALYSIS AND MODELING
RESOURCE RECOVERY

REMARKS AND ABSTRACT:
(M-9), AICHE MEMBER COST $6.00.
PRESENTS EXAMPLES OF NEW TECHNOLOGY TO PROVIDE RESOURCES AND TO MINIMIZE POLLUTION SUCH AS: RECOVERY OF GLASS FURNACE EMISSIONS IN TOTALLY LOOPED SYSTEMS, THAT SHOW THAT LOW-ENERGY, EFFICIENT, AND LOW-COST SEPARATIONS ARE FEASIBLE AND THAT THE LOOP SYSTEMS CAN BE LESS COSTLY THAN ABATEMENT UNITS. THIS MONOGRAPH IS COMBINED WITH MONOGRAPH 8, "UNDERSTANDING AND CONCEIVING CHEMICAL PROCESSES", EPAW01958, IN A SINGLE VOLUME.

EPAW01952 DATE: 72-00

INDUSTRIAL PROCESS DESIGN FOR POLLUTION CONTROL VOLUME 4
AUTHOR(S): AICHE
SOURCE(S): AICHE
COST: 15.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D M L
COPYRIGHT:

SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN
MONITORING
INDUSTRIAL WASTES
STANDARDS
NORMAL OPERATIONS (WASTE)
CASE STUDIES
EMERGENCY OPERATIONS (WASTE)

REMARKS AND ABSTRACT:
(W-6), 118 PP, AICHE MEMBER COST $7.50.
EXPANSION OF THE SERIES TO ENCOMPASS ARTICLES ON THE DESIGN OF PLANTS FOR MINIMAL AIR AS WELL AS WATER POLLUTION. THE DESIGNER IS CHALLENGED IN PROVIDING FACILITIES FOR CLEAN OPERATION DURING ALL PHASES OF THE OPERATION OF A CHEMICAL PLANT. PRESENTS CASE HISTORIES OF SOME SUCCESSFUL POLLUTION CONTROL DESIGNS. EACH ARTICLE IS FOLLOWED BY A TRANSCRIPT OF THE VALUABLE DISCUSSION BY AUTHORS AND SYMPOSIUM ATTENDEES.

EPAWC1953 DATE: 71-00
INDUSTRIAL PROCESS DESIGN FOR WATER POLLUTION CONTROL VOLUME 3
AUTHOR(S): AICHE
SOURCE(S): AICHE
COST: 14.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O
COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES
DOMESTIC WASTEWATERS
WASTEWATER TREATMENT DESIGN
RESOURCE RECOVERY
WATER REUSE
REMARKS AND ABSTRACT:
(W-3), 116 PP, AICHE MEMBER COST: $7.00.
CONTAINS 21 PAPERS AND DISCUSSIONS INVOLVING PROCEDURES FOR MINIMUM WASTE PRODUCTION, WASTE MATERIAL UTILIZATION, AND OPTIMUM WATER USE.

EPAWC1954 DATE: 70-00
INDUSTRIAL PROCESS DESIGN FOR WATER POLLUTION CONTROL VOLUME 2
AUTHOR(S): AICHE
SOURCE(S): AICHE
COST: 12.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O
COPYRIGHT:
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN
INDUSTRIAL WASTES
NORMAL OPERATIONS (WASTE)
EMERGENCY OPERATIONS (WASTE)
ACID MINE DRAINAGE
REMARKS AND ABSTRACT:
(W-2), 99 PP, AICHE MEMBER COST $6.00.
PROCEEDINGS OF THE WORKSHOP DEVELOPED TO EMPHASIZE AND ENCOURAGE IMPROVEMENTS IN PLANT DESIGN AND OPERATION TO DIMINISH WATER POLLUTION. PAPERS AND DISCUSSIONS BY SYMPOSIUM PARTICIPANTS ON REDUCING WASTEWATER EFFLUENTS IN PLANTS THROUGH INITIAL DESIGN; POLLUTION CONTROL IN THE FOOD INDUSTRIES; ABATEMENT PROCEDURES FOR ACID MINE DRAINAGE; TREATING PETROLEUM REFINERY WASTES; INDUSTRY-GOVERNMENT RESEARCH FOR WATER POLLUTION CONTROL. FIVE ADDITIONAL PAPERS AND A PANEL DISCUSSION ENCOMPASS AN IN-DEPTH ANALYSIS OF COOLING TOWERS.

EPAWC1955 DATE: 67-00
INDUSTRIAL PROCESS DESIGN FOR WATER POLLUTION CONTROL VOLUME 1
AUTHOR(S): AICHE
SOURCE(S): AICHE
COST: 9.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O L
COPYRIGHT:
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN
INDUSTRIAL WASTES
LAWS AND REGULATIONS
WATER REUSE
REMARKS AND ABSTRACT:
(W-1), 59 PP, AICHE MEMBER COST $4.50.
DESIGNED TO PRESENT BOTH THE GENERAL AND TECHNOLOGICAL ASPECTS OF PROCESS WASTE MANAGEMENT AND POLLUTION CONTROL.

EPAWC1956 DATE: 73-00
ENERGY AND THE ENVIRONMENT PROCEEDINGS OF THE FIRST ANNUAL AICHE SOUTHWESTERN OHIO CONFERENCE
AUTHOR(S): AICHE
SOURCE(S): AICHE
COST: 15.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P L E
COPYRIGHT:
SUBJECT AREAS:
ENERGY
LAWS AND REGULATIONS
ENVIRONMENTAL EFFECTS
MEETINGS AND CONFERENCES
REMARKS AND ABSTRACT:
(P-5), 259 PP, AICHE MEMBER COST $12.00.
CONTAINS 55 PAPERS DEALING WITH ENERGY/ENVIRONMENTAL PROBLEMS. THE PURPOSE OF THE CONFERENCE WAS TO EXPLORE THE CRITICAL NATURE OF THE RELATIONSHIPS EXISTING BETWEEN THE NATION'S DESIRE FOR A CLEAN ENVIRONMENT AND THE ENERGY NEEDS OF A HIGHLY TECHNICAL CIVILIZATION.

EPAWC1557
COMPLETE WATERUSE INDUSTRYS OPPORTUNITY
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
LAWS AND REGULATIONS WATER REUSE PLANNING ECONOMICS
REMARKS AND ABSTRACT:
(P-5), 736 PP.
FROM A REVIEW, JANUARY 1974, ISSUE OF PUBLIC WORKS: "THE NEW WATER LAW WITH ITS OBJECTIVE OF 'ZERO DISCHARGE' OF AQUEOUS WASTES HAS GENERATED ENORMOUS INTEREST. THE OBVIOUS ALTERNATE TO DISPOSAL OF WASTEWATER IS ITS REUSE. THERE ARE SUBSTANTIAL COSTS TO TREATMENT TO THE QUALITY REQUIRED FOR DISPOSAL ... IN MANY CASES IT WILL PROVE MORE ECONOMICAL TO TREAT FOR REUSE. THIS WORK SHOULD PROVE TO BE AN INVALUABLE REFERENCE FOR: THOSE WHO MAKE THE LAWS; FOR THOSE WHO DEVELOP THE REGULATIONS TO EXECUTE THE INTENT OF THE LAWS; AND MANY OTHERS".
COST: 25.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L P
COPYRIGHT:
DATE: 73-00

EPAWC1558
UNDERSTANDING AND CONCEIVING CHEMICAL PROCESSES
AUTHOR(S): AICHE
SOURCE(S): AICHE
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN CHEMICAL TREATMENT
REMARKS AND ABSTRACT:
(M-8), 36 PP, AICHE MEMBER COST $6.00.
PRESENTS CHEMICAL PROCESS ENGINEERING AS A DISTINCT AND IMPORTANT FIELD INVOLVING SYNTHESIS, SELECTION, DESIGN, AND GENERAL UNDERSTANDING OF PROCESSES. SHOWS THAT LOGIC METHODS FOR STRUCTURING SYNTHESIS ARE USEFUL BUT LIMITED. THIS MONOGRAPH IS COMBINED WITH MONOGRAPH 9, EPAWC1951 "ECOSYSTEMS TECHNOLOGY: THEORY AND PRACTICE", IN A SINGLE VOLUME.
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O T
COPYRIGHT:
DATE: 74-00

EPAWC1959
ENERGY PRODUCTION AND THERMAL EFFECTS
AUTHOR(S): GALLAGHER B
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
ENERGY RADIOACTIVITY THERMAL POLLUTION LAKES
REMARKS AND ABSTRACT:
(CAT NO 0004), 189 PP, 27 TABLES, 111 FIGURES.
TWO IMPORTANT AIMS OF THIS NUCLEAR BOOK ARE CONTROL OF THERMAL EFFECTS AND INCREASED EFFICIENCY. ADDED EPA ACTIVITY IN THERMAL POLLUTION ADDS FURTHER CURRENT IMPETUS.
COST: 22.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D T
COPYRIGHT:
DATE: 74-00

EPAWC1960
RECYCLING AND DISPOSAL OF SOLID WASTES
AUTHOR(S): YEN T F
SOURCE(S): ANN ARBOR
SUBJECT AREAS:
BIODEGRADATION FLOCCULATION LEACHATE
REMARKS AND ABSTRACT:
(CAT NO 0056), 384 PP, 88 FIGURES, 72 TABLES, 400 REFERENCES.
PRESENTS MANY PROBLEMS IN AN AREA OF GROWING IMPORTANCE, THROUGH CHAPTERS DEVELOPED BY EXPERTS IN THEIR RESPECTIVE FIELDS.
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T O D
COPYRIGHT:
DATE: 75-00

EPAW01961

USE OF PURIFIED OXYGEN IN SECONDARY WASTEWATER TREATMENT VOLUME 1
AUTHOR(S): MCWHIRTER J R
SOURCE(S): CRC PRESS
COST: 36.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O
COPYRIGHT:
DATE: 76-05
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN
SEDIMENTATION
OXYGEN
SLUDGE DEWATERING
SECONDARY TREATMENT
NORMAL OPERATIONS (WASTE)
ACTIVATED SLUDGE
SECONDARY TREATMENT
REMARKS AND ABSTRACT:
(CAT NO 5101EF32), 250 PP.
CONSTITUTES A COMPREHENSIVE SOURCE OF BACKGROUND AS WELL AS CURRENT-DAY TECHNOLOGY STATUS REGARDING THE USE OF OXYGEN IN SECONDARY WASTEWATER TREATMENT. DIVIDED INTO THREE BASIC PARTS, THE FIRST SECTION CONSISTS OF BACKGROUND AND HISTORICAL INFORMATION, THE SECOND DEALS WITH CURRENT-DAY DESIGN AND APPLICATIONS, THE LAST IS ON PRESENT-DAY EXPERIENCE AND OPERATIONAL INFORMATION FROM OXYGENATION SYSTEMS CURRENTLY IN OPERATION AND UNDER DESIGN.

EPAW01962

USE OF PURIFIED OXYGEN IN SECONDARY WASTEWATER TREATMENT VOLUME 2
AUTHOR(S): MCWHIRTER J R
SOURCE(S): CRC PRESS
COST: 36.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D O
COPYRIGHT:
DATE: 76-07
SUBJECT AREAS:
WASTEWATER TREATMENT DESIGN
SEDIMENTATION
OXYGEN
SLUDGE DEWATERING
SECONDARY TREATMENT
NORMAL OPERATIONS (WASTE)
ACTIVATED SLUDGE
REMARKS AND ABSTRACT:
(CAT NO 5102EF32), APPROX 250 PP, PUBLICATION DUE IN JULY 1976.

EPAW01963

CRC HANDBOOK OF ENVIRONMENTAL CONTROL VOLUME 3 WATER SUPPLY AND TREATMENT
AUTHOR(S): BOND R G
STRAUB C P
SOURCE(S): CRC PRESS
COST: 38.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 73-00
SUBJECT AREAS:
GROUNDWATER
ENVIRONMENTAL EFFECTS
ANALYTICAL TECHNIQUES
POLLUTANTS
INDUSTRIAL WATER
DISTRIBUTION SYSTEMS
HEAVY METALS
STANDARDS
MANUALS
STATISTICAL DATA
POLLUTANTS
BIOLOGICAL ANALYSIS
REMARKS AND ABSTRACT:
(CAT NO 0273EF32), 835 PP.
BRINGS TOGETHER INFORMATION IN TABULAR FORM ON ALL ASPECTS OF ENVIRONMENTAL PROBLEMS. STARTING FROM DEFINITIONS OF POLLUTION PROBLEMS AND BASIC DATA ON POLLUTANTS, IT COVERS STATISTICS ON RATES OF POLLUTANT RELEASE TO THE ENVIRONMENT; EFFECTS OF POLLUTANTS ON MAN, PLANT AND ANIMAL LIFE, AND INANIMATE MATERIALS; AND LEGAL, TECHNICAL AND ECONOMIC ASPECTS OF CONTROL MEASURES. THE EMPHASIS IS ON DATA RATHER THAN DISCUSSION.

EPAW01964

CRC HANDBOOK OF ENVIRONMENTAL CONTROL VOLUME 4 WASTEWATER TREATMENT AND DISPOSAL
AUTHOR(S): BOND R G
STRAUB C P
SOURCE(S): CRC PRESS
COST: 39.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 74-00
SUBJECT AREAS:
DOMESTIC WASTEWATERS
EUTROPHICATION
RIVERS
MANUALS
PRIMARY TREATMENT
NUTRIENT REMOVAL
COLLECTION SYSTEMS
SECONDARY TREATMENT
STATISTICAL DATA
INDUSTRIAL WASTES
TERTIARY TREATMENT
POLLUTANTS
REMARKS AND ABSTRACT:
(CAT NO 0274EF32), 928 PP.
BRINGS TOGETHER INFORMATION IN TABULAR FORM ON ALL ASPECTS OF ENVIRONMENTAL PROBLEMS. STARTING FROM DEFINITIONS OF POLLUTION PROBLEMS AND BASIC DATA ON POLLUTANTS, IT COVERS STATISTICS ON RATES OF POLLUTNANT RELEASE TO THE ENVIRONMENT; EFFECTS OF POLLUTANTS ON MAN, PLANT AND ANIMAL LIFE, AND INANIMATE MATERIALS; AND LEGAL, TECHNICAL AND ECONOMIC ASPECTS OF CONTROL MEASURES. THE EMPHASIS IS ON DATA RATHER THAN DISCUSSION.

EPAW01965
DICTIONARY OF WATER AND WATER ENGINEERING — DATE: 73-00
AUTHOR(S): NELSON A — NELSON K D — TYPE(S): PM — CATEGORIES: E
SOURCE(S): CRC PRESS — COST: 21.00 P — LEVEL: I — COPYRIGHT:
SUBJECT AREAS:
GLOSSARIES
REMARKS AND ABSTRACT:
(CAT NO 0947EF32), 271 PP.
ARRANGED IN DICTIONARY FORM WITH TERMS THAT COVER THE MANY FACTS OF WATER ENGINEERING. SHORT CLEAR, DESCRIPTIVE DEFINITIONS OF TERMS. EXPLANATIONS ARE INCLUDED TO PLACE EACH TERM IN ITS PROPER DISCIPLINE AND ALTERNATIVE TERMS ARE ALSO GIVEN.

EPAW01966
CHEMISTRY OF PCB S — DATE: 74-00
AUTHOR(S): HUTZINGER O — SAFE S — TYPE(S): PM — CATEGORIES: T
SOURCE(S): CRC PRESS — COST: 42.50 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
CHEMISTRY — HAZARDOUS POLLUTANTS
REMARKS AND ABSTRACT:
(CAT NO 5040EF32), 269 PP, AUTH: ZITKO V.
PRESENTS A COMPREHENSIVE SUMMARY OF THE CHEMISTRY OF CHLOROBIPHENYLS. INCLUDED ARE THE NOMENCLATURE, COMPOSITION OF TECHNICAL MIXTURES, SYNTHESES OF INDIVIDUAL CHLOROBIPHENYLS, CHEMICAL REACTIONS, PHOTOCHEMICAL AND METABOLIC ALTERATIONS, AND SPECTROSCOPIC PROPERTIES. DIFFERENT METHODS OF PCB ANALYSIS ARE PRESENTED AND EVALUATED IN A SEPARATE CHAPTER.

EPAW01967
CADMIUM IN THE ENVIRONMENT — DATE: 74-00
AUTHOR(S): FRIBERG L T — PSICATOR M — TYPE(S): PM — CATEGORIES: T
SOURCE(S): CRC PRESS — COST: 29.95 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
CADMIUM — HEAVY METALS — HAZARDOUS POLLUTANTS
REMARKS AND ABSTRACT:
(CAT NO 5020EF32), 248 PP, AUTH: NORDBERG G, AND KJELLSTROM T.
UPDATES AN EARLIER REVIEW ON CADMIUM CARRIED OUT BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY AND THE DEPARTMENT OF ENVIRONMENTAL HYGIENE OF THE KAROLINSKA INSTITUTE, SWEDEN. THE WORK FOCUSES UPON INFORMATION ESSENTIAL TO THE UNDERSTANDING OF THE TOXIC ACTION OF CADMIUM AND THE RELATIONSHIP BETWEEN EXPOSURE AND EFFECTS ON HUMAN BEINGS AND ANIMALS. THROUGH CONTACT WITH A NUMBER OF JAPANESE ENVIRONMENTAL AND PUBLIC HEALTH AGENCIES, AND INDEPENDENT RESEARCHERS IT HAS BEEN POSSIBLE TO OBTAIN AND EVALUATE MUCH DATA FROM JAPAN WHICH WOULD NOT BE AVAILABLE OTHERWISE.

EPAWC1968
MERCURY IN THE ENVIRONMENT — DATE: 72-00
AUTHOR(S): FRIBERG L T — VOSTAL J J — TYPE(S): PM — CATEGORIES: T
SOURCE(S): CRC PRESS — COST: 33.50 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
MERCURY — HEAVY METALS — HAZARDOUS POLLUTANTS
REMARKS AND ABSTRACT:
(CAT NO 5017EF32), 232 PP.
PRESENTS AN EXTENSIVE REVIEW OF THE TOXICOLOGY OF MERCURY, AND DEALS WITH THE HEALTH ASPECTS OF CONTAMINATION OF THE GENERAL AND INDUSTRIAL ENVIRONMENT WITH METALLIC MERCURY AND DIFFERENT INORGANIC AND ORGANIC MERCURY COMPOUNDS. FOCUSES ON INFORMATION ESSENTIAL TO THE UNDERSTANDING OF THE TOXIC ACTION OF MERCURY AND THE RELATIONSHIPS BETWEEN DOSE (EXPOSURE) AND EFFECTS IN HUMAN BEINGS AND ANIMALS. GREAT EMPHASIS IS PLACED ON THE DIFFERENCES IN METABOLISM AND TOXIC ACTION BETWEEN ORGANIC AND INORGANIC COMPOUNDS AND ALSO BETWEEN COMPOUNDS WITHIN INORGANIC AND ORGANIC GROUPS.

EPAW01965

PERSISTANT PESTICIDES IN THE ENVIRONMENT
AUTHOR(S): EDWARDS C E
SOURCE(S): CRC PRESS
COST: 29.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 74-00
SUBJECT AREAS:
AGROCHEMICALS
HAZARDOUS POLLUTANTS
REMARKS AND ABSTRACT:
(CAT NO 5011EF32), 170 PP, 2ND ED.
SUMMARIZES THE EXTENT OF OUR PRESENT KNOWLEDGE ON THE AMOUNTS OF RESIDUES CURRENTLY PRESENT IN THE VARIOUS COMPARTMENTS OF THE ENVIRONMENT, HOW THESE RESIDUES CAN BE DECREASED OR MINIMIZED IN THE FUTURE, THE DYNAMICS AND TRANSPORT OF PERSISTENT PESTICIDES IN THE ENVIRONMENT AND CURRENT LEGISLATION ON THESE CHEMICALS. THE EXTENSIVE DATA QUOTED DEMONSTRATE WHERE THE LARGEST RESIDUES EXIST, HOW THEY ARE CONCENTRATED FROM THE PHYSICAL ENVIRONMENT INTO PLANTS AND ANIMALS, AND FROM LOWER ORGANISMS INTO THE HIGHER LEVELS OF FOOD CHAINS.

EPAW01970

DIFFUSE REFLECTANCE SPECTROSCOPY IN ENVIRONMENTAL PROBLEM SOLVING
AUTHOR(S): FREI R W
MACNEIL J D
SOURCE(S): CRC PRESS
COST: 39.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 73-00
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
SPECTROSCOPY
REMARKS AND ABSTRACT:
(CAT NO 5025EF32), 220 PP.
THE KUBELKA-MUNK THEORY IS THE MOST GENERALLY ACCEPTED THEORY WITH REGARD TO DIFFUSE REFLECTANCE AND THE TRANSPARENCY OF LIGHT SCATTERING AND LIGHT ABSORBING LAYERS. THIS AND OTHER THEORIES ARE DISCUSSED, AS WELL AS THE RELEVANCE OF THE KUBELKA-MUNK THEORY TO INVESTIGATIONS ON CHROMATOGRAPHIC THIN-LAYERS. CHAPTERS ARE ALSO DEVOTED TO A TREATMENT OF THE VARICUS INSTRUMENTS AVAILABLE FOR REFLECTANCE STUDIES AND TO THE MEASUREMENT AND STANDARDIZATION OF REFLECTANCE.

EPAW01971

FIXED BIOLOGICAL SURFACES TREATMENT OF WASTES
AUTHOR(S): ANTONIE R L
SOURCE(S): CRC PRESS
COST: 29.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D M O
COPYRIGHT:
DATE: 75-00
SUBJECT AREAS:
TRICKLING FILTERS
NITRIFICATION
DENITRIFICATION
REMARKS AND ABSTRACT:
(CAT NO 5107EF32), 224 PP.
HISTORICALLY TRACES THE DEVELOPMENT AND USE OF FIXED FILM TREATMENT SYSTEMS, INCLUDING THE ROTATING CONTACTOR. DESIGN CRITERIA FOR FIXED FILM SYSTEMS IS PRESENTED FOR TREATMENT OF DOMESTIC AND A WIDE RANGE OF INDUSTRIAL WASTES. THE RECENT AND RAPIDLY SPREADING REQUIREMENTS FOR NITRIFICATION AND DENITRIFICATION ARE ALSO DISCUSSED ALONG WITH DESIGN CRITERIA FOR FIXED FILM PROCESS APPLICATION TO MEET THESE REQUIREMENTS. DESIGN CRITERIA FOR UPGRADING EXISTING TREATMENT PLANTS TO GREATER HYDRAULIC CAPACITY AND HIGHER LEVELS OF TREATMENT ARE DISCUSSED.

EPAW01972
WATER TREATMENT DATE: 71-00
AUTHOR(S): JAMES G V TYPE(S): PM CATEGORIES: D T
SOURCE(S): CRC PRESS COST: 26.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
WATER TREATMENT DESALINATION INDUSTRIAL WASTES DOMESTIC WASTEWATERS
ESTUARIES
REMARKS AND ABSTRACT:
(CAT NO 0915EF32), 320 PP, 4TH ED.
THIS EDITION INCLUDES A NEW CHAPTER ON THE PROBLEMS POSED BY THE POLLUTION OF RIVER ESTUARIES. OTHER ADDITIONS INCLUDE NEW DATA ON METHODS OF CLARIFYING AND DECOLORING WATER AND OF IMPROVING ITS TASTE, FILTERING WATER FOR REMOVAL OF IRON, SOFTENING WATER BY THE REVERSE OSMOSIS PROCESS, TREATING THE FEED-WATER TO INDUSTRIAL BOILERS, AND MAKING SEAWATER POTABLE BY THE MULTI-STAGE FLASH DISTILLATION PROCESS. SUCCESSFUL METHODS FOR DEALING WITH EFFLUENTS FROM PAPERMILLS, OIL REFINERIES, FOOD PROCESSING INDUSTRIES, EDIBLE OIL AND MARGARINE FACTORIES DESCRIBED.

EPAW01973
MASS SPECTROMETRY OF PESTICIDES AND POLLUTANTS DATE: 73-00
AUTHOR(S): SAFE S HUTZINGER O TYPE(S): PM CATEGORIES: T
SOURCE(S): CRC PRESS COST: 33.95 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ANALYTICAL TECHNIQUES PHYSICAL ANALYSIS AGROCHEMICALS
REMARKS AND ABSTRACT:
(CAT NO 5033EF32), 220 PP.
COLLECTS AND DISCUSSES ALL THE PUBLISHED INFORMATION ON THE MASS SPECTROMETRY OF PESTICIDES AND POLLUTANTS. THESE DATA HAVE BEEN ARRANGED ACCORDING TO THEIR CHEMICAL FUNCTIONALITY (I.E. CARBAMATES, UREAS, TRIAZINES, ETC.) AND THEIR MASS SPECTRA AND FRAMENTATION PATTERNS HAVE BEEN PRESENTED AND DISCUSSED IN SOME DETAIL. ALSO INCLUDED AND DISCUSSED ARE THE SPECTRA OF MANY COMPOUNDS WHICH HAVE BEEN RECENTLY RUN IN THE ATLANTIC RESEARCH LABORATORY. IN ADDITION, THE USES OF MASS SPECTROMETRY IN THE IDENTIFICATION OF PHOTO AND METABOLIC PRODUCTS HAVE BEEN INCLUDED.

EPAW01974
CRC CRITICAL REVIEWS IN ENVIRONMENTAL CONTROL DATE: 76-99
AUTHOR(S): STRAUB C P TYPE(S): PM CATEGORIES: E
SOURCE(S): CRC PRESS COST: 60.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
(CAT NO 1360EF32), SUBSCRIPTION RATE $60.00 FOR 1 YEAR (4 ISSUES), APPROX 400 PP PER VOLUME.
EACH VOLUME CONSISTS OF FOUR QUARTERLY ISSUES, EACH OF WHICH WILL AVERAGE FOUR REVIEWS. PROVIDES A QUALITATIVE APPROACH TO THE TOTAL MASS OF SCIENTIFIC LITERATURE. OUTSTANDING EXPERTS SELECT AND CRITICALLY EVALUATE THE MOST SIGNIFICANT PAPERS. EACH REVIEW IS REFEREED PRIOR TO PUBLICATION BY A SPECIALIST OF EQUAL EXPERTISE.

EPAWC1975

DEMONSTRATION OF THE A B AND C EMERGENCY KITS
AUTHOR(S): DIAMOND SHAMROCK CHEM CO
SOURCE(S): AWWA
SUBJECT AREAS:
CHLORINE
REMARKS AND ABSTRACT:
COST: 3.00 R
SAFETY (CHEMICAL)
TYPE(S): MP
LEVEL: 2
EMERGENCY OPERATIONS
CATEGORIES: O S
COPYRIGHT:
DATE: 74-00

16 MM, COLOR, 26 MIN: (ORDER NO F101).
ILLUSTRATES THE APPLICATION OF THE CHLORINE INSTITUTE "A", "B" AND "C" EMERGENCY REPAIR DEVICES.

EPAWC1976

CENTRILINE PROCESS
AUTHOR(S): RAYMOND INTERNATIONAL
SOURCE(S): AWWA
SUBJECT AREAS:
CATHODIC PROTECTION
REMARKS AND ABSTRACT:
COST: 3.00 R
MAINTENANCE
TYPE(S): MP
LEVEL: 2
DESIGN
CATEGORIES: D O
COPYRIGHT:
DATE: 76-99
PIPES

16 MM, COLOR, 30 MIN: (ORDER NO F108).
FEATURES ONE SOLUTION TO PROBLEMS RESULTING FROM TUBERCULATION AND SCALE DEPOSIT IN WATER PIPELINES. TO MAINTAIN PIPE-CARRYING CAPACITIES A SYSTEM OF HYDRAULIC AND MECHANICAL CLEANING AND CEMENT MORTAR LINING IS DEMONSTRATED.

EPAWC1977

FIELD SURVEYS FOR CROSS CONNECTION CONTROL
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
CROSS CONNECTIONS
REMARKS AND ABSTRACT:
COST: 3.00 R
NORMAL OPERATIONS (WATER)
TYPE(S): PM
LEVEL: 2
PUBLIC RELATIONS
CATEGORIES: O
COPYRIGHT:
DATE: 75-00

16 MM, COLOR, 10 MIN: (ORDER NO F107).
EXPLAINS HOW TO INITIATE AND CONDUCT A CROSS-CONNECTION FIELD SURVEY. ILLUSTRATES WHAT A SURVEY TEAM IS TO LOOK FOR, HOW TO PREPARE THE FIELD REPORT AND DISCUSS CORRECTIVE MEASURES WITH THE CUSTOMER.

EPAWC1979

SILENT TOAST OF WATER
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
WATER SUPPLY
REMARKS AND ABSTRACT:
COST: 3.00 R
WATER TREATMENT
TYPE(S): MP
LEVEL: 1
PUBLIC EDUCATION
CATEGORIES: E
COPYRIGHT:
DATE: 75-00

16 MM, COLOR, 15 MIN: (ORDER NO F109).
TRACES THE HISTORY OF WATER TREATMENT AND DESCRIBES THE ROLE OF THE WATER UTILITY. BOTH ON LOCATION FILMING AND ANIMATION PORTRAY THE COMPLEXITIES AND PROBLEMS BEING FACED TODAY IN THE WATER SUPPLY INDUSTRY. NARRATED BY JOHN CAMERON SWAYZE.

DATE: 71-00

EPAW01980
QUALITY CONTROL TESTS FOR COMMUNITY WATER SYSTEMS
AUTHOR(S): CINCINNATI WATER WORKS
SOURCE(S): AWWA
COST: 3.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
BACTERIAL ANALYSIS
CHLORINE DEMAND
CHLORINE RESIDUAL
COAGULATION
JAR TESTS
MEMBRANE FILTRATION
PLATE COUNT
REMARKS AND ABSTRACT:
16 MM, COLOR, 18 MIN; (ORDER NO F106).
SHOWS A VARIETY OF TESTING PROCEDURES WHICH WATER TREATMENT PLANT PERSONNEL CAN USE TO CONTROL THE QUALITY OF THE TREATED WATER. INCLUDED ARE THE CHLORINE DEMAND AND RESIDUAL TESTS, JAR TEST, AS WELL AS PROCEDURES FOR CONDUCTING THE MEMBRANE FILTER AND STANDARD PLATE COUNT DETERMINATIONS.

DATE: 76-99

EPAW01981
BASIC PUMP TECHNOLOGY AND HYDRAULICS
AUTHOR(S): WORTHINGTON PUMP
SOURCE(S): AWWA
COST: 3.00 R
TYPE(S): OT PM
LEVEL: 3
CATEGORIES: O O T
COPYRIGHT:
SUBJECT AREAS:
PUMPS DESIGN
HYDRAULICS
REMARKS AND ABSTRACT:
77 SLIDES, BLACK AND WHITE, 35 MM, PLUS SCRIPT; (ORDER NO S214).
DEPICTS NEARLY ALL TECHNICAL AND ENGINEERING ASPECTS OF PUMP HYDRAULICS, APPLICATION, AND OPERATION. TOPICS ENCOMPASS MUCH OF THE MATERIAL CONTAINED IN ENGINEERING HANDBOOKS AND COLLEGE-LEVEL COURSES.

DATE: 74-00

EPAWC1982
HANDLING WATER TREATMENT CHEMICALS SAFELY
AUTHOR(S): EPA
SOURCE(S): AWWA
COST: 3.00 R
TYPE(S): OT PM AC
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL)
CHLORINE
CHEMICALS
NORMAL OPERATIONS (WATER)
REMARKS AND ABSTRACT:
59 SLIDES, COLOR, 35 MM, SCRIPT OR AUDIO-TAPE CASSETTE; (ORDER NO S201).
ILLUSTRATES THE SAFE STORAGE, HANDLING AND USE OF WATER TREATMENT CHEMICALS SUCH AS CHLORINE, LIME, ALUM, CARBON, SODA ASH, SODIUM FLUORIDE, SODIUM SILICOFLUORIDE, POTASSIUM PERMANGANTE AND COPPER SULFATE.

DATE: 76-00

EPAWC1983
IF YOU MUST BACK MOTOR VEHICLE
AUTHOR(S): LA DEPT WATER AND POWER
SOURCE(S): AWWA
COST: 3.00 R
TYPE(S): OT PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
50 SLIDES, COLOR, 35 MM, SCRIPT; (ORDER NO S205).
ILLUSTRATES THE PROPER METHODS FOR BACKING AND PARKING VEHICLES. STANDARD HAND SIGNALS GIVEN TO THE DRIVER BY THE PERSON ASSISTING IN BACKING THE VEHICLE INTO POSITION ARE SHOWN AND EXPLAINED. SHORT MULTIPLE CHOICE QUESTIONNAIRE INCLUDED WITH THE SCRIPT FOR USE IF DESIRED AFTER THE SLIDES ARE SHOWN.

EPAWC1984 DATE: 76-00

PERSONAL PROTECTIVE EQUIPMENT
AUTHOR(S): AWWA
SOURCE(S): AWWA COST: 3.00 R TYPE(S): OT PM LEVEL: 1 CATEGORIES: O COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
52 SLIDES, COLOR, 35 MM, SCRIPT; (ORDER NO S206).
SHOWS THE VARIOUS TYPES OF PERSONAL PROTECTIVE EQUIPMENT SUCH AS HARD HATS, GOGGLES, GLOVES, SAFETY SHOES AND RESPIRATORS AND ILLUSTRATES WHEN AND HOW THEY SHOULD BE USED TO PREVENT INJURIES.

EPAWC1985 DATE: 76-00

PIPE AND MATERIAL HANDLING
AUTHOR(S): LA DEPT WATER AND POWER
SOURCE(S): AWWA COST: 3.00 R TYPE(S): OT PM LEVEL: 1 CATEGORIES: O COPYRIGHT:
SUBJECT AREAS:
PIPES NORMAL OPERATIONS SAFETY (MECHANICAL) MATERIAL HANDLING
REMARKS AND ABSTRACT:
45 SLIDES, COLOR, 35 MM, SCRIPT; (ORDER NO S207).
SAFE METHODS OF TRANSPORTING PIPE, LOADING AND UNLOADING TRUCKS, STOCK PILING IN PIPE YARD, LAYING PIPE IN TRENCH, HANDLING AND STORAGE OF FITTINGS ARE ILLUSTRATED.

EPAWC1986 DATE: 76-00

SAFE ENTRY PROCEDURES FOR SUBSURFACE STRUCTURES
AUTHOR(S): AWWA
SOURCE(S): AWWA COST: 3.00 R TYPE(S): OT PM LEVEL: 1 CATEGORIES: O COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
64 SLIDES, COLOR, 35 MM, SCRIPT; (ORDER NO S208).
DEPICTS THE PROPER PRECAUTIONS IN PROTECTING THE WORK AREA FROM THE PUBLIC BEFORE ENTERING THE VAULT OR STRUCTURE. ALSO DEMONSTRATED ARE SAFE PRACTICES TO BE FOLLOWED BEFORE, DURING AND AFTER PERFORMING UNDERGROUND WORK.

EPAWC1987 DATE: 76-00

SAFER TRENCHES AND WORK AREAS
AUTHOR(S): LA DEPT WATER AND POWER
SOURCE(S): AWWA COST: 3.00 R TYPE(S): OT PM LEVEL: 1 CATEGORIES: O COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
31 SLIDES, COLOR, 35 MM, SCRIPT; (ORDER NO S209).
COVERS SAFE WORKING METHODS RECOMMENDED IN CONNECTION WITH TRENCH AND EXCAVATION OPERATIONS, WORK AREA PROTECTION, HOUSEKEEPING AT JOB SITE, MATERIAL HANDLING AND SHORING.

EPAWC1588
SAFETY IN PROTECTIVE COATING WORK
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 3.00 R TYPE(S): OT PM DATE: 76-00
SAFETY LEVEL: 1 CATEGORIES: O
PROTECTIVE COATINGS COPYRIGHT:
REMARKS AND ABSTRACT:
52 SLIDES, COLOR, 35 MM, SCRIPT: (ORDER NO S 210).
ILLUSTRATES THE HAZARDS ENCOUNTERED IN PREPARING THE METAL SURFACES FOR COATING, APPLYING THE VARIOUS COATING COMPOUNDS, AND THE SAFE METHODS FOR PERFORMING THESE OPERATIONS.

EPAW01589
SNAKEBITE A PREVENTABLE ACCIDENT
AUTHOR(S): LA DEPT WATER AND POWER
SOURCE(S): AWWA
SUBJECT AREAS: COST: 3.00 R TYPE(S): OT PM DATE: 76-00
SAFETY LEVEL: 1 CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
68 SLIDES, COLOR, 35 MM, SCRIPT: (ORDER NO S211).
SHOWS EXAMPLES OF PHACES WHERE REPTILES MAY BE FOUND; IDENTIFIES POISONOUS SPECIES COMMON TO THE U.S.; PRESENTS SUGGESTIONS FOR AVOIDING SNAKEBITE AND FIRST AID TREATMENT RECOMMENDED IF BITTEN.

EPAW01990
TRAFFIC CONTROL AT JOB SITES
AUTHOR(S): LA DEPT WATER AND POWER
SOURCE(S): AWWA
SUBJECT AREAS: COST: 3.00 R TYPE(S): OT PM CATE: 76-00
SAFETY LEVEL: 1 CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
53 SLIDES, COLOR, 35 MM, SCRIPT: (ORDER NO S212).
ILLUSTRATES THE VARIOUS WORK AREA PROTECTION DEVICES AVAILABLE SUCH AS BARRICADES, CONES, HIGH LEVEL WARNING FLAGS AND FLASHERS. DEMONSTRATES THEIR PLACEMENT AND USE AT VARIOUS LOCATIONS INCLUDING DAY AND NIGHT OPERATIONS.

EPAW01592
ACCEPTED PROCEDURE AND PRACTICE IN CROSS CONNECTION CONTROL MANUAL
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 0.00 R TYPE(S): PM DATE: 73-00
CROSS CONNECTIONS LEVEL: 2 CATEGORIES: O S
STANDARDS COPYRIGHT:
REMARKS AND ABSTRACT:
(ORDER NO PM701).
DESIGNED AS A GUIDE TOWARD UNIFORMITY FOR WATER WORKS PERSONNEL, PLUMBERS AND OTHERS IN THE DETECTION AND ELIMINATION OF UNPROTECTED CROSS CONNECTIONS. IT IS PARTICULARLY INTENDED TO PROMOTE AND ASSIST WATER PURVEYORS OF THE FOUR NORTHWESTERN STATES AND BRITISH COLUMBIA IN THE IMPLEMENTATION AND SETTING OF STANDARDS FOR BOTH PROCEDURE AND PRACTICE OF CROSS CONNECTION CONTROL.

EPAW01993

HANDBOOK FOR EVALUATING WATER BACTERIOLOGICAL LABORATORIES
AUTHOR(S): EPA
SOURCE(S): AWWA
SUBJECT AREAS:
BACTERIAL ANALYSIS
REMARKS AND ABSTRACT:
(ORDER NO PM710).
HELPS TO EVALUATE VARIOUS ASPECTS OF THE LABORATORY THAT ARE INVOLVED IN ATTAINING RELIABLE DATA ON POTABLE WATER SUPPLIES AND THEIR SOURCES. COVERS ALL ASPECTS OF LABORATORY OPERATION INCLUDING MATERIAL AND MEDIA PREPARATION, EQUIPMENT NEEDS AND SPECIFICATIONS, SAMPLE COLLECTION AND HANDLING, BACTERIOLOGICAL METHODOLOGY, QUALITY CONTROL CONSIDERATIONS AND LABORATORY EQUIPMENT.
COST: 0.00 R
MANUALS
TYPE(S): PM
LEVEL: 2
CATEGORIES: S M
COPYRIGHT:
DATE: 75-00

EPAW01994

MANUAL OF WATER UTILITY OPERATIONS
AUTHOR(S): TX WATER UTILITIES ASSOC
SOURCE(S): AWWA
SUBJECT AREAS:
OPERATIONS (WATER)
REMARKS AND ABSTRACT:
6TH ED; (ORDER NO PM704).
COVERS A BROAD SPECTRUM OF TOPICS ON WATER UTILITY OPERATIONS. NEW CHAPTERS HAVE BEEN INCORPORATED IN THE 6TH EDITION ON WATER QUALITY MANAGEMENT AND TREATMENT PLANT WASTE DISPOSSAL, AND THE CHAPTER ON LABORATORY PROCEDURES HAS BEEN EXPANDED.
COST: 0.00 R
WATER SUPPLY
MANUALS
TYPE(S): PM
LEVEL: 3
CATEGORIES: D M S T
COPYRIGHT:
DATE: 75-00

EPAW01995

MATH PROBLEMS FOR WATER QUALITY CONTROL PERSONNEL
AUTHOR(S): CLEMSON U
SOURCE(S): CLEMSON U AWWA
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
AWWA ORDER NO M705 (LOAN BASIS).
INCLUDES PROBLEMS FROM A VARIETY OF SOURCES THAT WILL ASSIST BOTH THE MATHEMATICS INSTRUCTOR WITH LITTLE EXPERIENCE IN THE WATER QUALITY CONTROL FIELD AND THE TECHNICAL INSTRUCTOR IN THE WATER QUALITY CONTROL FIELD WITH LITTLE EXPERIENCE IN TEACHING MATHEMATICS.
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: T
COPYRIGHT:
DATE: 75-00

EPAWC1996

RETIREMENT PLANNING WORKSHOP
AUTHOR(S): NATL FOREMENS INSTITUTE
SOURCE(S): AWWA
SUBJECT AREAS:
PERSONNEL
REMARKS AND ABSTRACT:
THIS IS A ONE YEAR SUBSCRIPTION PROGRAM CONSISTING OF MONTHLY PORTFOLIOS. (ORDER NO PM706).
SELF-TRAINING PROGRAM DESIGNED TO HELP YOU DO SOMETHING CONSTRUCTIVE ABOUT YOUR RETIREMENT. IT COVERS SUCH TOPICS AS: MONEY, HEALTH, ACTIVITIES, LIVING ARRANGEMENTS, AND PERSONAL GUIDANCE.
COST: 0.00 R
TYPE(S): PM
LEVEL: 3
CATEGORIES: S
COPYRIGHT:
DATE: 71-00

EPAWC1998 DATE: 59-00

UNIT PROCESSES WATER PLANT OPERATION
AUTHOR(S): HEW
SOURCE(S): AWWA
COST: 0.00 R
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
DISTRIBUTION SYSTEMS
MAINTENANCE (WATER)
COAGULATION
WATER TREATMENT PLANTS
FILTRATION
OPERATIONS (WATER)
WATER TREATMENT
REMARKS AND ABSTRACT:
(ORDER NO PM709).
THIS COURSE IS DESIGNED FOR ENGINEERS AND WATER PLANT OPERATORS RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF MUNICIPAL FACILITIES.

EPAWC1995 DATE: 76-99

CHLORINATION WORKSHOP
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 80.00 R
TYPE(S): MP OT PM
LEVEL: 2
CATEGORIES: O M T S
COPYRIGHT:
SUBJECT AREAS:
SAFETY
CHLORINATION
TRAINING
REMARKS AND ABSTRACT:
25 STUDENT MANUALS, INSTRUCTOR'S OUTLINE, 56 SLIDES AND SCRIPT, TWO 16 MM FILMS, 4 REFERENCE BOOKS.
INSTRUCTIONAL COMPONENTS OF AWWA'S CHLORINATION WORKSHOP ARE AVAILABLE IN A TRAINING PACKAGE THROUGH AWWA. THIS METHOD OF PACKAGING WORKSHOPS IS INTENDED TO PROVIDE INCREASED CAPABILITY FOR CONDUCTING LOCAL TRAINING PROGRAMS. INCLUDES SUTDENT MANUALS, "WATER CHLORINATION PRINCIPLES AND PRACTICES", TWO FILMS, "SAFE HANDLING OF CHLORINE" (EPAW00419) AND "THE USE OF EMERGENCY A, B AND C" (EPAW01975). THIS PACKAGE IS MADE AVAILABLE FOR A PERIOD OF SIX WEEKS; REQUEST SCHEDULING INFORMATION TO AWWA.

EPAW02C0C DATE: 76-99

GOYA EFFECT
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 50.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: S P
COPYRIGHT:
SUBJECT AREAS:
MANAGEMENT
PERSONNEL
TRAINING
PUBLIC RELATIONS
PLANNING
REMARKS AND ABSTRACT:
16 MM, COLOR, 30 MIN, PURCHASE PRICE: $325.00.
VIEWERS LEARN THE VALUE OF KEEPING IN TOUCH WITH THE REAL NEEDS OF THEIR EMPLOYEES. THAT KEEPING IN CLOSE TOUCH WITH THEIR OPERATION AND PEOPLE BROADENS THEIR PLANNING AND DECISION MAKING SKILLS.

EPAW02C01 DATE: 76-99

IF YOU WANT IT DONE RIGHT
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
COST: 55.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: S P
COPYRIGHT:
SUBJECT AREAS:
MANAGEMENT
TRAINING
PERSONNEL
PLANNING
REMARKS AND ABSTRACT:
16 MM, COLOR, 20 MIN, PURCHASE RIGHT: $375.00.
VIEWERS LEARN SPECIFIC STEPS TO ASSURE THAT WORK GETS DONE PROPERLY.

EPAW02002
ENVIRONMENT FRIEND OR FOE
AUTHOR(S): WOLMAN A
SOURCE(S): FINLEY
SUBJECT AREAS:
WATER QUALITY
COST: 30.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: E
COPYRIGHT:
DATE: 75-99
REMARKS AND ABSTRACT: ENVIRONMENTAL EFFECTS
16 MM, 20 MIN, COLOR; PURCHASE PRICE: $300.00.
NATIONAL MEDAL OF SCIENCE WINNER CHALLENGES SOME OF TODAY'S ACCEPTED THOUGHT PATTERNS. HE SUGGESTS THAT CAREFUL AND INFORMED JUDGMENTS ARE SUPERIOR TO STRICT WATER QUALITY NUMERICAL STANDARDS. HE CHALLENGES THE PESSIMISM ABOUT OUR CITIES BY DESCRIBING THE POTENTIAL VITALITY AND VIABILITY OF NEW YORK CITY.

EPAW02003
CHEMICAL ANALYSIS OF WATER GENERAL PRINCIPLES AND TECHNIQUES
AUTHOR(S): WILSON A L
SOURCE(S): SAC
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
COST: 0.00
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT:
DATE: 74-00
REMARKS AND ABSTRACT: CHEMICAL ANALYSIS
198 PP.
THIS MONOGRAPH DEALS WITH THE ANALYSIS OF THOSE AQUEOUS SOLUTIONS TO WHICH THE TERM "WATER" IS COMMONLY APPLIED. THUS, POTABLE, NATURALLY OCCURRING, AND INDUSTRIAL WATERS ARE INCLUDED, BUT TRADE EFFLUENTS, WASTEWATER, AND PROCESS SOLUTIONS ARE GENERALLY EXCLUDED. MANY OF THE TOPICS DISCUSSED ARE ILLUSTRATED BY EXAMPLES DRAWN FROM ANALYSIS IN THE CONCENTRATION RANGE OF 0.001 TO 10 MG/L.

EPAW02004
ISA CONTROL VALVE COMPENDIUM
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
VALVES
COST: 30.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D
COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
(ICV) 320 PP, MEMBER COST $22.50.
REFERENCE ON STANDARDIZED PRODUCT DATA FOR CONTROL VALVES AND RELATED ACCESSORIES.

EPAW02005
ISA HANDBOOK OF CONTROL VALVES
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
VALVES
COST: 0.00
TYPE(S): PM
LEVEL: 3
CATEGORIES: D
COPYRIGHT:
DATE: 74-00
REMARKS AND ABSTRACT:
2ND ED (ORDER NO 1019).
NEW AND UPDATED INFORMATION ON CONTROL VALVE TECHNOLOGY - FROM FUNDAMENTALS TO IN-DEPTH APPLICATIONS.

EPAW02CC6
ELECTRICAL INSTRUMENTS IN HAZARDOUS LOCATIONS
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS: COST: 24.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: D O COPYRIGHT: DATE: 72-00
SAFETY (ELECTRICAL) ELECTRIC POWER MOTORS
REMARKS AND ABSTRACT:
2ND ED, 321 PP, MEMBER COST $16.00 (ORDER NO F6).
HISTORY AND PERSPECTIVE, AREA/MATERIAL CLASSIFICATION, EXPLOSION FUNDAMENTALS, IGNITION OF GASES/VAPORS BY ELECTRICAL MEANS. ALSO, HAZARD REDUCTION, EXPLOSION-PROOF HOUSING, PURGING, ENCAPSULATION/SEALING/IMMERSION, INTRINSICALLY SAFE AND N-INCENDIVE SYSTEMS, INSTRISIC SAFETY, DUST HAZARDS, FLAME ARRESTERS, HUMAN SAFETY.

EPAW02CC7
ELECTRICAL SAFETY PRACTICES
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS: COST: 9.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: D O COPYRIGHT: DATE: 72-00
SAFETY (ELECTRICAL) ELECTRIC POWER
REMARKS AND ABSTRACT:
ORDER NO F8, 120 PP, MEMBER COST $7.00 (MONOGRAPH # 113).
ASPECTS OF INTRINSIC SAFETY, MATERIAL CLASSIFICATION, AREA CLASSIFICATION AND MISCELLANEOUS DATA.

EPAW02009
PROCEEDINGS OF THE JOINT CONFERENCE ON THE SENSING OF ENVIRONMENTAL POLLUTANTS 2ND
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS: COST: 40.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: T M COPYRIGHT: DATE: 73-00
INSTRUMENTATION (PLANT) MONITORING MEETINGS AND CONFERENCES
REMARKS AND ABSTRACT:
(ORDER NO HB13), 376 PP, MEMBER COST $30.00.
CONTAINS 45 PAPERS ON IN-SITU AND REMOTE SENSING TECHNIQUES OF A BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE. FOCUSES ON SENSING TECHNIQUES RATHER THAN PROGRAMS OR PLATFORMS. THIRTEEN SESSION TOPICS.

EPAW02010
PROCEEDINGS OF THE JOINT CONFERENCE ON THE SENSING OF ENVIRONMENTAL POLLUTANTS 1ST
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS: COST: 40.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: T M COPYRIGHT: DATE: 71-00
INSTRUMENTATION (PLANT) MONITORING MEETINGS AND CONFERENCES AIR POLLUTION
REMARKS AND ABSTRACT:
(ORDER NO HB12), MEMBER COST $30.00.
45 PAPERS ON SENSING OF AIR POLLUTANTS AND 22 PAPERS ON SENSING OF LAND AND WATER POLLUTANTS.

EPAW02011

FLOW ITS MEASUREMENT AND CONTROL IN SCIENCE AND INDUSTRY VOLUME 1
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
FLOW MEASUREMENT
COST: 110.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 74-00
REMARKS AND ABSTRACT:
162 PAPERS IN THREE PARTS.
PROCEEDINGS OF THE FIRST INTERDISCIPLINARY SYMPOSIUM, CONDUCTED 1971 IN PITTSBURGH, PA. SPONSORED BY AMERICAN SOCIETY OF MECHANICAL ENGINEERS, AMERICAN INSTITUTE OF PHYSICS, NATIONAL BUREAU OF STANDARDS, AND ISA.

EPAW02012

FLOW CHARACTERISTICS PART 1 JOINT ASME FLUIDS ENGINEERING CONFERENCE
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
FLOW MEASUREMENT
ASME
COST: 40.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 74-00
REMARKS AND ABSTRACT:
(NO LCF1), 47 PAPERS, THREE PART SET COST: $110, ORDER NO LCF4.
LAMINAR FLOW CHARACTERISTICS, OPEN CHANNEL FLOW, MULTIPHASE FLOW, NON-STEADY FLOWS, CRITICAL FLOW CHARACTERISTICS, FLUID DYNAMICS OF FLOWS, ENVIRONMENTAL AND CRYOGENIC FLOW MEASUREMENTS.

EPAW02013

FLOW MEASURING DEVICES PART 2 JOINT ASME FLUIDS ENGINEERING CONFERENCE
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
FLOW MEASUREMENT
ASME
COST: 40.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 74-00
REMARKS AND ABSTRACT:
(ORDER NO LCF2), 68 PAPERS, THREE PART SET COST $110.00, ORDER NO LCF4.
HEAD METERS (BASICS, DEVELOPMENTS, MAXIMIZING PERFORMANCE); THERMAL METHODS (FUNDAMENTALS, APPLICATION, OPERATION); VOLUMETRIC, TAGGING AND ACOUSTIC METHODS; FLOWMETERS (TURBINE TYPE, MAGNETIC, NUCLEAR RESONANCE AND MASS); HYDRODYNAMIC OSCILLATORS; ELECTROMAGNETIC RADIATION.

EPAW02014

FLOW MEASUREMENT AND CONTROL BIOLOGICAL FLUID FLOWS PART 3 JOINT ASME FLUIDS ENGINEERING CONFERENCE
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
FLOW MEASUREMENT
ASME
COST: 40.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 74-00
REMARKS AND ABSTRACT:
(ORDER NO LCF3), 47 PAPERS, THREE PART SET COST $110.00, ORDER NO LCF4.
FLOW CONTROL (CONTROL VALVE SIZING METHODS, EFFECT OF FLUID PROPERTIES AND GEOMETRY ON CONTROL VALVE SIZING, SYSTEM DESIGN AND APPLICATION, CONTROL VALVE NOISE); FLUID POWER CONTROL (SYSTEMS DESIGN, VALVE CHARACTERISTICS); FLOW BENCHMARKS (PRINCIPLE AND PRACTICE); BLOOD FLOW MEASUREMENT AND BIORHEOLOGY, BLOOD FLOW IN TISSUE, MICRO-CIRCULATORY FLOW OF BLOOD AND DRAG REDUCTION, AIR FLOW IN LUNGS AND BLOOD-GAS CONCENTRATION CONTROL.

EPAW02015

FUNDAMENTALS OF CONTROL VALVES MAINTENANCE AND OVERHAUL PROCEDURES
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
VALVES MAINTENANCE
COST: 200.00 P
TYPE(S): MP VC VR
LEVEL: 3
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16 PP, COLOR, 15 MIN; VIDEOTAPE 1/2" EIA-J REEL OR 3/4" U-MATIC CASSETTE. (ORDER NO I018), SCHOOLS/ISA SECTS COST $175. EXPLAINS THE IMPORTANCE OF PROPER INSTALLATION, MAINTENANCE AND OVERHAUL PROCEDURES - WHAT THEY ARE - HOW TO DO THEM. FOCUSES ON STEP-BY-STEP OVERHAUL, INCLUDING DISASSEMBLY IN THREE STAGES - ACTUATOR, BONNET, BODY; RECONDITIONING OF EACH ELEMENT; REASSEMBLY AND MAJOR TESTS TO PERFORM.

EPAW02016

FUNDAMENTALS OF CONTROL VALVES
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
PUMPS DESIGN VALVES MAINTENANCE
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: O O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(ORDER NO I012), 16 MM, 38 MIN; PURCHASE COST TO SCHOOLS AND SOCIETIES $400.00, OTHERS - $500.00 COVERS THE THEORY, APPLICATION, INSTALLATION AND MAINTENANCE OF CONTROL VALVES. IT FOLLOWS A NOVICE ENGINEER THROUGH THE PROBLEMS OF SELECTING THE PROPER CONTROL VALVE FOR A SPECIFIC APPLICATION. EMPHASIS IS PLACED ON THE "WHY" OF CONTROL VALVE BODY DESIGN. EXPLAINS VALVE BODY STYLES, CONSTRUCTION AND OPERATIONS, INCLUDING APPLICATIONS OF SPECIFIC TYPES OF VALVES; KINDS OF ACTUATORS AND POSITIONERS; FLOW CAPACITY, INCLUDING VALVE SIZING, CAVITATION AND RANGEABILITY AND VALVE MAINTENANCE.

EPAW02017

AUTOMATIC PROCESS CONTROL
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
INSTRUMENTATION (PLANT) PROCESS CONTROL
COST: 50.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(ORDER NO I010), 16 MM, COLOR, 33 MIN; PURCHASE COST TO SCHOOLS: $320.00, OTHERS - $400.00 TEXT AVAILABLE EPAW02018. DEPICTS THE APPLICATION OF AUTOMATIC CONTROL TO A PROCESS IN A SMALL CHEMICAL PLANT. DISCUSSES ON/OFF, PROPORTIONAL, PROPORTIONAL WITH RESET, AND PROPORTIONAL WITH RESET AND RATE ACTION MODES OF CONTROL. EXPLAINS HOW THE RELATION OF SYSTEM ANALYSIS, CENTRALIZED PANELS, AND COMPUTER CONTROL CAN HELP BRING ABOUT OPTIMUM PROCESS CONDITIONS AT MAXIMUM OUTPUT WITH MINIMUM COST.

EPAW02018

PRINCIPLES OF AUTOMATIC PROCESS CONTROL TEXT
AUTHOR(S): ISA
SOURCE(S): ISA
SUBJECT AREAS:
INSTRUMENTATION (PLANT); PROCESS CONTROL
COST: 4.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 68-00
REMARKS AND ABSTRACT:
(ORDER NO I09), 48 PP, TO BE USED WITH FILM "AUTOMATIC PROCESS CONTROL" EPAW02017.
A SELF-STUDY GUIDE ON THE BASICS OF AUTOMATIC CONTROL. PART 1 IS BASED ON THE FILM; PART 2 IS A CLASSROOM-ORIENTED DEMONSTRATION OF JUSTIFICATION OF AUTOMATIC CONTROL, DESIGN OF AN AUTOMATIC CONTROLLER, AND APPLICATION OF A CONTROLLER TO A PROCESS.

EPAW02019
THERMAL ECOLOGY DATE: 74-00
AUTHOR(S): GIBBONS J W SHARITZ R R TYPE(S): PM CATEGORIES: T
SOURCE(S): USERDA COST: 13.60 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ECOSYSTEMS THERMAL POLLUTION
REMARKS AND ABSTRACT:
670 PP.
CONSISTS OF 55 SCIENTIFIC PAPERS BY NOTED RESEARCHERS FROM INDUSTRY, GOVERNMENT, AND ACADEMIA. MAJOR SECTIONS ARE PHYSIOCHEMICAL PHENOMENA, PHYSIOLOGICAL ECOLOGY, THERMAL TOLERANCE AND ADAPTATION, POPULATION ECOLOGY, BEHAVIORAL ECOLOGY, COMMUNITY ECOLOGY, PRODUCTIVITY, DIVERSITY, AND MODELS.

EPAW02021
WATER POLLUTION MONITORING VOLUME 1 ENVIRONMENTAL MONOGRAPH SERIES DATE: 75-00
AUTHOR(S): CROSS F L TYPE(S): PM CATEGORIES: M T
SOURCE(S): TECHNOMIC COST: 10.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
INSTRUMENTATION (PLANT) MONITORING SAMPLING
REMARKS AND ABSTRACT:
(CAT NO 3194).
PHILOSOPHY OF MONITORING, FIELD SAMPLING AND ANALYTICAL TECHNIQUES; SPECIAL EMPHASIS ON INSTRUMENTATION.

EPAW02022
LEACHATE CONTROL AND TREATMENT VOLUME 4 ENVIRONMENTAL MONOGRAPH SERIES DATE: 75-00
AUTHOR(S): CROSS F L TYPE(S): PM CATEGORIES: M T
SOURCE(S): TECHNOMIC COST: 10.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
LEACHATE
REMARKS AND ABSTRACT:
(CAT NO 3243).
FORMATION AND CHARACTERISTICS OF LEACHATE FROM DOMESTIC AND INDUSTRIAL WASTES DISPOSED OF BY SANITARY LANDFILL. SUGGESTIONS ON THE TYPE AND LOCATION OF EQUIPMENT TO IMPLEMENT A MONITORING PROGRAM.

EPAW02023
ENVIRONMENTAL PLANNING VOLUME 7 ENVIRONMENTAL MONOGRAPH SERIES DATE: 75-00
AUTHOR(S): CROSS F L TYPE(S): PM CATEGORIES: P
SOURCE(S): TECHNOMIC COST: 10.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
PLANNING ENVIRONMENTAL IMPACT STMTS
REMARKS AND ABSTRACT:
(CAT NO 3245).
FUNDAMENTAL TECHNIQUES, INCORPORATING THE MULTI-DISCIPLINARY ASPECTS OF ENVIRONMENTAL IMPACT STATEMENTS.

EPAW02024

PRIMER ON ENVIRONMENTAL IMPACT STATEMENTS

AUTHOR(S): CROSS F L BARBARO R — DATE: 75-00

SOURCE(S): TECHNOMIC — COST: 20.00 P — TYPE(S): PM — LEVEL: 3 — CATEGORIES: P — COPYRIGHT:

SUBJECT AREAS:

PLANNING — ENVIRONMENTAL IMPACT STMTS — LAWS AND REGULATIONS

REMARKS AND ABSTRACT:

(CAT NO 3164), 140 PP.

EPAW02025

INTRODUCTION TO ENVIRONMENTAL MICROBIOLOGY

AUTHOR(S): MITCHEL R — DATE: 74-00

SOURCE(S): PRENT HALL — COST: 15.95 P — TYPE(S): PM — LEVEL: 3 — CATEGORIES: T — COPYRIGHT:

SUBJECT AREAS:

ECOSYSTEMS — MICROBIOLOGY — BIOLOGICAL TREATMENT

REMARKS AND ABSTRACT:

(CODE NO 48248-9), 385 PP.

EMPHASIS HAS BEEN PLACED DELIBERATELY ON THE HUMAN ENVIRONMENT, THE OBJECTIVE BEING TO MAKE THE READER AWARE OF THE ROLE OF MICROORGANISMS IN NORMAL ECOLOGICAL PROCESSES AND IN THE POLLUTED ENVIRONMENT. SYNTHESIZES CONCEPTS IN MICROBIOLOGY, GENERAL ECOLOGY AND POLLUTION TECHNOLOGY TO PROVIDE A BETTER INSIGHT INTO THE ACTIVITIES OF MICROORGANISMS IN A POLLUTED WORLD. SHOWS THE APPLICATION OF ECOLOGICAL MANAGEMENT PRACTICES OR TECHNOLOGICAL PROCESSES TO CONTROL ENVIRONMENTAL DETERIORATION FOR THE ENVIRONMENTAL ENGINEER, SANITARY ENGINEER, ETC.

EPAW02026

WASTEWATER SYSTEMS ENGINEERING

AUTHOR(S): PARKER H W — DATE: 75-00

SOURCE(S): PRENT HALL — COST: 18.95 P — TYPE(S): PM — LEVEL: 3 — CATEGORIES: P — COPYRIGHT:

SUBJECT AREAS:

WASTEWATER TREATMENT DESIGN — BIOLOGICAL TREATMENT — BIOLOGICAL TREATMENT

REMARKS AND ABSTRACT:

(CODE NO 94575-8), 464 PP.

COMPREHENSIVE, STEP-BY-STEP APPROACH TO CALCULATION AND DESIGN OF WASTEWATER TREATMENT SYSTEMS. COMBINING FUNCTIONAL DESIGN EQUATIONS WITH EXPLANATIONS OF ACTUAL MANUFACTURER'S EQUIPMENT, SUPPLIES CONCRETE "HOW-TO" INFORMATION ON THE DESIGN OF FUNCTIONING TREATMENT PLANTS. HARD-TO-FIND EQUATIONS, COMPLETE WITH COEFFICIENTS ARE PRESENTED ALONG WITH A WEALTH OF PRACTICAL DATA ON VARIOUS "PITFALLS" TO AVOID IN TREATMENT SYSTEM DESIGN.

EPAW02027

MANUAL FOR ENVIRONMENTAL IMPACT EVALUATION

AUTHOR(S): ROSEN S J — DATE: 76-00

SOURCE(S): PRENT HALL — COST: 12.95 P — TYPE(S): PM — LEVEL: 3 — CATEGORIES: P — COPYRIGHT:

SUBJECT AREAS:

ENVIRONMENTAL IMPACT STMTS — MANUALS

REMARKS AND ABSTRACT:

(CODE NO 5535-3), 240 PP.

EXPLAINS THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA), ITS PHILOSOPHY AND REQUIREMENTS. OFFERS THE READER A GENERAL INSIGHT INTO THE FACTORS INVOLVING ENVIRONMENTAL EVALUATION. DIRECTS PRACTICAL SUGGESTIONS ON PROCEDURES AND METHODOLOGY TO THOSE PREPARING, REVIEWING, OR RESPONSIBLE FOR PURCHASING ENVIRONMENTAL ASSESSMENTS.

EPAW02028 DATE: 75-00
ENVIRONMENTAL QUALITY MANAGEMENT
AUTHOR(S): SEWELL G H TYPE(S): PM CATEGORIES: P
SOURCE(S): PRENT HALL COST: 9.95 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
PLANNING ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
(CODE NO 28312-7), 320 PP.
PRESENTS A LOOK AT POLICIES AND TECHNOLOGIES AVAILABLE FOR CHANGE. OFFERS A SYSTEMATIC EXAMINATION OF BASIC ENVIRONMENTAL PROBLEMS, A SURVEY OF THE MEANS FOR THEIR SOLUTION, AND A THOROUGHLY MULTIDISCIPLINARY APPROACH NEEDED FOR IMPLEMENTATION. EXPLAINS THE BASICS OF PROBLEM-SOLVING, METHODOLOGY, ECOLOGY, LAND-USE PLANNING, ENVIRONMENTAL CONTROL TECHNIQUES, AND ENVIRONMENTAL LAWS.

EPAW02029 DATE: 63-00
ENVIRONMENTAL TECHNOLOGIES IN ARCHITECTURE
AUTHOR(S): KINZEY B Y SHARP H M TYPE(S): PM CATEGORIES: D
SOURCE(S): PRENT HALL COST: 18.95 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
HUMAN ENGINEERING
REMARKS AND ABSTRACT:
(CODE NO 28322-6), 788 PP.
TREATISE ON ARCHITECTURAL DESIGN AND BUILDING EQUIPMENT AS THEY RELATE TO HUMAN NEEDS FOR HEAT, LIGHT, SOUND, SANITATION, AND ELECTRICAL POWER DISTRIBUTION.

EPAW0203C DATE: 70-00
THERMAL ENVIRONMENTAL ENGINEERING
AUTHOR(S): THRELKELD J L TYPE(S): PM CATEGORIES: T
SOURCE(S): PRENT HALL COST: 16.15 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO ENERGY
REMARKS AND ABSTRACT:
COVERS REFRIGERATION, PSYCHOMETRICS, SOLAR RADIATION, AND HEAT TRANSMISSION IN BUILDINGS, WITH EMPHASIS ON THEORY AND ANALYSIS THROUGHOUT THE TEXT.

EPAW02031 DATE: 74-00
VIRUS SURVIVAL IN WATER AND WASTEWATER SYSTEMS VOL VII WATER RESOURCES SYMPOSIA SERIES
AUTHOR(S): MALINA J F SAGIK B P TYPE(S): PM CATEGORIES: M T
SOURCE(S): UNIV TEX COST: 17.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
VIRUS ANALYTICAL TECHNIQUES TERTIARY TREATMENT DISINFECTION
REMARKS AND ABSTRACT:
264 PP.
FIVE SECTIONS DEAL, RESPECTIVELY, WITH VIRUS CONCENTRATION AND ENUMERATION TECHNIQUES, SURVIVAL OF VIRUSES IN AQUATIC AND SOIL SYSTEMS, EFFICIENCY OF VIRUS INACTIVATION, VIRUS INACTIVATION DURING ADVANCED TREATMENT AND BY DISINFECTION, AND VIRUS SURVIVAL IN TERRESTRIAL SYSTEMS.

EPAW02032
WATER MANAGEMENT AND AGRICULTURAL DEVELOPMENT
AUTHOR(S): FREDERICK K D
SOURCE(S): JOHNS HOPK COST: 10.00 P
TYPE(S): PM LEVEL: 3
DATE: 75-00
CATEGORIES: P
COPYRIGHT:
SUBJECT AREAS:
CASE STUDIES ARGENTINA WATER SUPPLY
REMARKS AND ABSTRACT:
187 PP.
PATTERNS OF WATER USE AND WATER SUPPLY PROBLEMS IN THE CUYO REGION OF ARGENTINA, ONE OF THE WORLD'S MAJOR PRODUCERS OF WINE GRAPES, ARE THE SUBJECTS OF THIS STUDY.

EPAWC2033
UNCERTAIN SEARCH FOR ENVIRONMENTAL QUALITY
AUTHOR(S): ACKERMAN S R SAWYER J W
SOURCE(S): FREE PRESS COST: 13.95 P
TYPE(S): PM LEVEL: 3
DATE: 74-00
CATEGORIES: P
COPYRIGHT:
SUBJECT AREAS:
ADMINISTRATIVE AGENCIES CASE STUDIES DELAWARE RIVER BASIN COMM RIVERS
REMARKS AND ABSTRACT:
385 PP, AUTH: DALE W HENDERSON.
A STUDY OF THE DELAWARE RIVER BASIN COMMISSION, HAILED AS A NATIONAL MODEL, HAS NOT ONLY BEEN WASTEFUL, ACCORDING TO THE AUTHORS, BUT ALSO IS CERTAIN TO CREATE PUBLIC DISILLUSIONMENT WITH ENVIRONMENTALISM.

EPAW02034
GROUNDWATER POLLUTION IN EUROPE
AUTHOR(S): COLE J A
SOURCE(S): META COST: 22.50 P
TYPE(S): PM LEVEL: 3
DATE: 74-00
CATEGORIES: L P
COPYRIGHT:
SUBJECT AREAS:
GROUNDWATER LAWS AND REGULATIONS MEETINGS AND CONFERENCES
REMARKS AND ABSTRACT:
547 PP.
PROCEEDINGS OF A CONFERENCE HELD AT READING UNIVERSITY IN ENGLAND IN 1972, WHICH REPRESENTED THE FIRST TIME IN EUROPE THAT THE CHEMICAL, HYDROGEOLOGICAL, AND LEGAL ASPECTS OF GROUNDWATER POLLUTION WERE REVIEWED IN A COMPREHENSIVE MANNER.

EPAWC2035
TREATMENT OF INDUSTRIAL WASTES
AUTHOR(S): BESSELIEVRE E B SCHWARTZ M
SOURCE(S): MCGRAW COST: 18.95 P
TYPE(S): PM LEVEL: 3
DATE: 76-00
CATEGORIES: D L M O P
COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES LAWS AND REGULATIONS WASTEWATER TREATMENT DESIGN MAINTENANCE
REMARKS AND ABSTRACT:
385 PP.
DISCUSSION OF WATER POLLUTION CONTROL REGULATIONS PLUS A COMPREHENSIVE, "USER ORIENTED" GUIDE TO THE SELECTION, INSTALLATION, AND MAINTENANCE OF FACILITIES TO MEET THOSE REQUIREMENTS.

EPAW02036
SYSTEMS ANALYSIS IN WATER RESOURCES PLANNING DATE: 75-00
AUTHOR(S): META
SOURCE(S): META COST: TYPE(S): PM CATEGORIES: T
LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
WATER RESOURCES SYSTEMS ANALYSIS AND MODELING
REMARKS AND ABSTRACT:
393 PP.
EXAMINATION OF SYSTEMS ANALYSIS IN WATER AND RELATED LAND RESOURCES PLANNING TO DESCRIBE THE POTENTIAL ROLE OF THIS APPROACH FOR WATER RESOURCE PLANNERS. RECOMMENDATIONS ARE MADE ON THE USE OF SYSTEMS ANALYSIS, INCLUDING MECHANISMS FOR ITS PROMOTION IN THIS FIELD AND AREAS OF FURTHER RESEARCH NEEDS.

EPAW02037
OIL SPILLS AND THE MARINE ENVIRONMENT DATE: 74-00
AUTHOR(S): BOESCH D F HERCHNER C H TYPE(S): PM CATEGORIES: D O T
SOURCE(S): BALLINGER COST: 7.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
SPILLS (OIL) MARINE POLLUTION
REMARKS AND ABSTRACT:
114PP., AUTHOR: J. P. MILGRAM.
DISCUSSION OF THE CAUSES, EFFECTS, AND PREVENTION OF MARINE OIL POLLUTION. IDENTIFIES THE BASIC SCIENTIFIC KNOWLEDGE ON WHICH PUBLIC POLICY MAKERS MUST RELY AND OFFERS AN AGENDA FOR RESEARCH TO IMPROVE THAT BASE.

EPAW02038
OIL SPILL PREVENTION AND REMOVAL HANDBOOK DATE: 74-00
AUTHOR(S): SITTIG M
SOURCE(S): NOYES COST: 35.00 P TYPE(S): PM CATEGORIES: O
LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
SPILLS (OIL) ENERGY
REMARKS AND ABSTRACT:
465PP.
COVERS POLLUTION, ENERGY, AND OCEAN TECHNOLOGIES BASED MOSTLY ON AUTHORITATIVE GOVERNMENT REPORTS AND U.S. PATENTS. ATTEMPTS TO CLARIFY THE MANY WAYS FOR REMOVING CONTAMINATION OIL FROM THE OCEAN'S SURFACES AND ITS BEACHES.

EPAW02039
REGIONAL ENVIRONMENTAL MANAGEMENT DATE: 75-00
AUTHOR(S): COATE L E
SOURCE(S): WILEY COST: 19.95 P TYPE(S): PM CATEGORIES: P
LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
REGIONALIZATION ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
(ORDER NO 0 471 16138-1), 348 PP.
STATE-OF-THE-ART EXAMINATION OF ISSUES, PROBLEMS AND CHALLENGES THAT TODAY'S REGIONAL ENVIRONMENTAL MANAGERS FACE ON ALL LEVELS OF GOVERNMENT. EMPHASIS IS ON PRACTICAL, EVERYDAY PROBLEM-SOLVING TECHNIQUES APPLICABLE TO ANY REGIONAL ENVIRONMENTAL MANAGEMENT PROGRAM.

EPAWC2040

ADVANCES IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY VOLUME 5
AUTHOR(S): PITTS J N METCALF R L
SOURCE(S): WILEY
SUBJECT AREAS:
THERMAL POLLUTION URBAN IMPACT JAPAN
REMARKS AND ABSTRACT:
(ORDER NO 0 471 65088-0), 371 PP, AUTH: ALAN C LLOYD.
INVESTIGATES THE EFFECTS OF COMBUSTION-GENERATED AIR POLLUTION ON THE URBAN ENVIRONMENT. IT COMPARES THE POLLUTION-RIDDEN JAPANESE ENVIRONMENT WITH THE RELATIVELY POLLUTION-FREE ENVIRONMENT OF AUSTRALIA, AND EXAMINES THE LATEST TECHNOLOGICAL ADVANCES FOR CONTROLLING WATER POLLUTION DUE TO THERMAL CONTAMINATION.
COST: 24.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-00

EPAWC2041

ENVIRONMENTAL DATA HANDLING
AUTHOR(S): HEASLIP G B
SOURCE(S): WILEY
SUBJECT AREAS:
DATA EVALUATION COMPUTERS
REMARKS AND ABSTRACT:
(ORDER NO 0 471 36672-2), 203 PP.
REFERENCE SHOWING HOW TEST AND ENVIRONMENTAL DATA (FROM TRANSDUCERS TO SENSORS) ARE RECORDED, PROCESSED, AND DISPLAYED. GRAPHIC ILLUSTRATIONS DEMONSTRATE HOW DATA ARE OBTAINED ON LAND, IN THE SEA, BY AIRCRAFT AND SATELLITE, AND HOW THESE MAY BE PROCESSED AND DISPLAYED BY BOTH ANALOG AND DIGITAL SYSTEMS. REFERENCES PAY SPECIAL ATTENTION TO EARTH RESOURCES SURVEY DATA AND ALSO TO DATA COMMONLY ACQUIRED DURING AEROSPACE INDUSTRY AND MILITARY TESTS. SECTIONS OF MICROFILM, DATA BANKS, AND A FULL GLOSSARY OF TERMS.
COST: 19.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-00

EPAWC2042

NUTRIENTS IN NATURAL WATERS
AUTHOR(S): ALLEN H E KRAMER J R
SOURCE(S): WILEY
SUBJECT AREAS:
NUTRIENT REMOVAL GREAT LAKES LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
(ORDER NO 0 471 02328-0), 457 PP.
LATEST THINKING AND RESEARCH OF EXPERTS IN THE CHEMICAL AND BIOLOGICAL SCIENCES AND IN ENGINEERING, COVERING ALL ASPECTS OF THE CHEMISTRY, BIOCHEMISTRY, AND GEOCHEMISTRY OF NUTRIENTS. DETAILED STUDY OF DEPLETION OF OXYGEN IN LAKE ERIE; THE NUTRIENT CONTROL POLICIES OF THE UNITED STATES AND CANADA.
COST: 26.25 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 72-00

EPAWC2043

MATHEMATICAL TECHNIQUES IN CHEMISTRY
AUTHOR(S): DENCE J B
SOURCE(S): WILEY
SUBJECT AREAS:
MATHEMATICS CHEMISTRY
REMARKS AND ABSTRACT:
(ORDER NO 0 471 20319-X), 442 PP.
HOW TO APPLY BASIC ALGEBRA, TRIGONOMETRY, AND CALCULUS OF DIFFERENTIATION, INTEGRATION, AND SERIES TO ELEMENTARY AND SPECIALIZED CHEMICAL PROCESSES. DISCUSSES EXPANSIONS IN SERIES, SPECIAL FUNCTIONS, MATRICES, VECTORS, AND TENSORS.
COST: 14.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-00

EPAW02044

AQUATIC MICROBIOLOGY — DATE: 74-00

AUTHOR(S): RHEINHEIMER G — TYPE(S): PM — CATEGORIES: T

SOURCE(S): WILEY — COST: 11.50 P — LEVEL: 3 — COPYRIGHT:

SUBJECT AREAS:

MICROBIOLOGY

REMARKS AND ABSTRACT:

(ORDER NO 0 471 71903-3), 184 PP.

SURVEYS OUR PRESENT KNOWLEDGE OF AQUATIC BACTERIA AND FUNGI AND EXPOSES THEIR ROLE IN THE LIFE OF LAKES, RIVERS, AND SEAS. READERS WILL LEARN HOW THESE MICROORGANISMS AFFECT THE FORMATION AND TRANSFORMATION OF SEDIMENTS AND MINERAL RESOURCES; HOW THEY CONSTITUTE AN IMPORTANT PART OF THE FOOD OF THE MICROFAUNA; HOW SOME FORMS CAUSE DISEASES IN PLANTS AND ANIMALS; AND HOW SOME MAY CAUSE CONSIDERABLE DAMAGE BY DESTRUCTION OF FISHING TACKLE AND HYDRAULIC STRUCTURES.

EPAW02045

URBAN ENVIRONMENTAL MANAGEMENT PLANNING FOR POLLUTION CONTROL — DATE: 74-00

AUTHOR(S): BERRY B J — HORTON F E — TYPE(S): PM — CATEGORIES: E P T

SOURCE(S): PRENT HALL — COST: 14.95 P — LEVEL: 3 — COPYRIGHT:

SUBJECT AREAS:

URBAN IMPACT — LAWS AND REGULATIONS — PLANNING

REMARKS AND ABSTRACT:

(CODE NO 93961-11, 425 PP.

EXAMINES THE URBAN GROWTH AND DEVELOPMENT PROCESS AND ITS RESULTANT CONFLICT WITH ENVIRONMENTAL CONDITIONS. COMBINES THE WORK OF 52 AUTHOR TO HELP STUDENTS UNDERSTAND CONTROL METHODOLOGIES AS THEY ARE USEFUL IN THE ATTEMPT TO ALLEVIATE ENVIRONMENTAL PROBLEMS SPAWNED BY URBANIZATION.

EPAW02046

ENVIRONMENTAL EDUCATION A BEGINNING — DATE: 76-99

AUTHOR(S):

SOURCE(S): MTPI — COST: 0.00 R — TYPE(S): MP — LEVEL: 1 — CATEGORIES: E — COPYRIGHT:

SUBJECT AREAS:

PUBLIC PARTICIPATION — ENVIRONMENTAL EFFECTS — PUBLIC EDUCATION

REMARKS AND ABSTRACT:

(CODE NO 30377), 16 MM, COLOR, 28 MIN; ALSO AVAILABLE IN 15 MIN VERSION "A BEGINNING" (CODE NO 30390). PRESENTS SOME REPRESENTATIVE ENVIRONMENTAL EDUCATION PROJECTS NOW IN PROGRESS IN VARIOUS PARTS OF THE COUNTRY. THEY RANGE FROM NATURE WALKS FOR PRESCHOOLERS TO PLANNING HOW A MAJOR CITY CAN MEET FEDERAL AIR QUALITY STANDARDS.

EPAW02047

ENERGY VS ECOLOGY THE GREAT DEBATE — DATE: 76-99

AUTHOR(S): ALLIS CHALMERS

SOURCE(S): MTPI — COST: 0.00 R — TYPE(S): MP — LEVEL: 1 — CATEGORIES: E — COPYRIGHT:

SUBJECT AREAS:

ECOSYSTEMS — ENERGY — ACID MINE DRAINAGE

REMARKS AND ABSTRACT:

(CODE NO 30031), 16 MM, COLOR, 27 MIN.

INDICATES HOW WE UTILIZE COAL, OUR MOST ABUNDANT SOURCE OF ENERGY IN THIS COUNTRY, WITHOUT DISRUPTING OUR ENVIRONMENT. ILLUSTRATES THE SURFACE MINING OF THOUSANDS OF ACRES OF LAND AND SHOWS HOW THAT SAME LAND IS THEN RESTORED TO USABLE PRODUCTIVITY AND ECOLOGICALLY SOUND CONDITION.

EPAW02048

ENVIRONMENTAL SCIENCE
AUTHOR(S): TURK A TURK J
SOURCE(S): SAUNDERS COST: 12.95 P
SUBJECT AREAS:
ECOSYSTEMS PUBLIC EDUCATION RESOURCE MANAGEMENT
TYPE(S): PM LEVEL: 2
CATEGORIES: E T COPYRIGHT:
DATE: 74-03
REMARKS AND ABSTRACT:
(CODE NO 8928-0), 563 PP, 187 ILLUS, COLOR PLATES; AUTH: J T WITTES AND R E WITTES; INSTRUCTOR'S GUIDE.
PREPARES THE STUDENT FOR THE ECOLOGICAL PROBLEMS FACING TOMORROW'S WORLD. SOCIAL AND ECONOMIC ISSUES IN ENVIRONMENTAL STUDIES ARE INTEGRATED UNDER EACH SEPARATE TOPIC, AND THE FINAL CHAPTER PRESENTS A COMPLETE OVERVIEW OF THIS NATION'S AND THE WORLD'S ECONOMIC AND SOCIAL POLICY.

EPAW02049

ECOSYSTEMS ENERGY POLLUTION
AUTHOR(S): TURK J WITTES J T
SOURCE(S): SAUNDERS COST: 7.95 P
SUBJECT AREAS:
ECOSYSTEMS ENERGY WATER QUALITY RESOURCE MANAGEMENT
TYPE(S): PM LEVEL: 2
CATEGORIES: E T COPYRIGHT:
DATE: 75-02
REMARKS AND ABSTRACT:
(CODE NO 8930-2), 296 PP, 108 ILLUS; AUTH: R E WITTES AND A TURK; INSTRUCTOR'S GUIDE INCLUDED.
PROVIDES AN INTRODUCTION TO A BROADER KNOWLEDGE OF THE BIOLOGICAL IMPLICATIONS AND ASPECTS OF ENVIRONMENTAL SCIENCE. COVERS NATURAL ECOLOGY PLUS EXAMINING HUMAN POPULATION GROWTH, ENERGY, AND AGRICULTURE. SOCIAL AND ECONOMIC ISSUES IN ENVIRONMENTAL STUDIES ARE INTEGRATED WITHIN EACH CHAPTER.

EPAW02050

ECOLOGY POLLUTION ENVIRONMENT
AUTHOR(S): TURK A TURK J
SOURCE(S): SAUNDERS COST: 4.95 P
SUBJECT AREAS:
ECOSYSTEMS WATER QUALITY RESOURCE MANAGEMENT ENVIRONMENTAL EFFECTS
TYPE(S): PM LEVEL: 2
CATEGORIES: E T COPYRIGHT:
DATE: 72-01
REMARKS AND ABSTRACT:
(CODE NO 8925-6), 217 PP, ILLUS; AUTH: J T WITTES.
PROVIDES A GENERAL INTRODUCTION TO ENVIRONMENTAL SCIENCE. DISCUSSES ALL ASPECTS OF POLLUTION FROM PESTICIDES TO NOISE. BACKGROUND MATERIAL IN THE PHYSICAL SCIENCE IS PRESENTED WHEREVER NEEDED. THE SCIENTIFIC QUESTIONS AND SOCIO-POLITICAL ISSUES ARE DISCUSSED.

EPAW02051

SCIENCE TECHNOLOGY AND THE ENVIRONMENT
AUTHOR(S): HARDY J T
SOURCE(S): SAUNDERS COST: 8.95 P
SUBJECT AREAS:
ENVIRONMENTAL CONTROL RESOURCE MANAGEMENT
TYPE(S): PM LEVEL: 2
CATEGORIES: T E COPYRIGHT:
DATE: 75-04
REMARKS AND ABSTRACT:
(CODE NO 4513-5), 329 PP, 113 ILLUS.
UTILIZES AN INTERDISCIPLINARY APPROACH IN EXAMINING CONTEMPORARY TOPICS IN SCIENCE AND TECHNOLOGY. TECHNICAL MATERIAL IS COVERED FIRST IN DEPTH AND DETAIL, THEN THE SOCIAL CONSEQUENCES OF APPLYING OR MISAPPLYING THAT KNOWLEDGE ARE EXAMINED. TOPICS ARE SELECTED FROM THE PHYSICAL, BIOLOGICAL, PSYCHOLOGICAL AND ENVIRONMENTAL SCIENCES.

EPAW02052
SCIENCE MAN AND SOCIETY
AUTHOR(S): FISCHER R B
SOURCE(S): SAUNDERS
COST: 5.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E T
COPYRIGHT:
DATE: 75-03
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
RESOURCE MANAGEMENT
REMARKS AND ABSTRACT:
(CODE NO 3681-01, 208 PP, ILLUS: 2ND ED.
DEFINES "SCIENCE" IN CLEAR LANGUAGE; EXPLAINS THE SCIENTIFIC METHOD, AND DEMONSTRATES THE RELATIONSHIP BETWEEN SCIENCE AND TECHNOLOGY. THE READER DISCOVERS HOW SCIENCE AND TECHNOLOGY HAVE SHAPED TODAY'S SOCIETY, HOW KNOWLEDGE GAINED IN THE LABORATORY CAN SOLVE MANY CURRENT SOCIAL AND MORAL PROBLEMS (INCLUDING AIR AND WATER POLLUTION), AND WHAT THE RELEVANCE OF SCIENCE IS TO THE READER'S DAILY LIFE. THIS REVISED EDITION COVERS NEW MATERIAL ON BASIC AND APPLIED SCIENCE, AND THE CLASSIFICATION OF SCIENTIFIC DISCIPLINES.

EPAWC2053
FUNDAMENTALS OF ECOLOGY
AUTHOR(S): ODUM E P
SOURCE(S): SAUNDERS
COST: 11.75 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 71-07
SUBJECT AREAS:
ECOSYSTEMS
REMARKS AND ABSTRACT:
(CODE NO 6941-71, 574 PP, 227 FIGURES.
REVIEWS THE PRINCIPLES OF ECOLOGY, WORLD ENVIRONMENTS, AND ECOLOGICAL TECHNOLOGY.

EPAW02054
TEACHING LEARNING GUIDE FOR ODUMS FUNDAMENTALS OF ECOLOGY
AUTHOR(S): KROODSMA R
SOURCE(S): SAUNDERS
COST: 4.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-01
SUBJECT AREAS:
ECOSYSTEMS
REMARKS AND ABSTRACT:
(CODE NO 5534-3), 167 PP.
DETAILED STUDY GUIDE SPECIFICALLY DESIGNED TO HELP UNDERPREPARED STUDENTS BETTER UNDERSTAND ODUM'S RIGOROUS PRESENTATION.

EPAW02055
READINGS IN AQUATIC ECOLOGY
AUTHOR(S): FORD R F
HAZEN W E
SOURCE(S): SAUNDERS
COST: 6.75 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 72-06
SUBJECT AREAS:
ECOSYSTEMS
AQUATIC PLANTS
AQUATIC ANIMALS
REMARKS AND ABSTRACT:
(CODE NO 3910-01, 357 PP, 190 ILLUS.
AN ANTHOLOGY OF VALUE IN COURSES COVERING AQUATIC OR MARINE ECOLOGY.

EPAWC2C5E
SANTA BARBARA OIL SPILL
AUTHOR(S): RUHLE J L
SOURCE(S): RUHLE
SUBJECT AREAS:
SPILLS (OIL)
COST: 25.00 P
TYPE(S): SL FS PM VC
LEVEL: I
CATEGORIES: E
COPYRIGHT:
DATE: 74-00
REMARKS AND ABSTRACT:
CASE STUDIES
35 (35 MM) SLIDES, COLOR, PRINTED NARRATION; AVAILABLE IN FILMSTRIP/10 MIN TAPE CASSETTE (36 FRAMES) PRICE: $18.00. DEPICTS THE INITIAL STAGES OF THE BLOW-OUT, THE MOVEMENT OF THE OIL SLICK, EFFORTS TO CONTAIN THE SLICK, ITS IMPACT ON THE SANTA BARBARA COAST, AND THE CLEAN-UP OPERATIONS THAT FOLLOWED. NARRATED BY ROD STERLING.

EPAW02C57
ENVIRONMENTAL SYSTEMS ENGINEERING
AUTHOR(S): RICH L G
SOURCE(S): MCGRAW
SUBJECT AREAS:
COMPUTERIZED SYSTEMS
ECOSYSTEMS
COST: 17.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D T
COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
TERTIARY TREATMENT
WATER TREATMENT PLANTS
SECONDARY TREATMENT
SYSTEMS ANALYSIS AND MODELING
PRIMARY TREATMENT
SLUDGE TREATMENT
(CODE NO 052250-2), 449 PP.
USES A SYSTEMS APPROACH IN THE FORMULATION AND ANALYSIS OF ENVIRONMENTAL PHENOMENA, AS WELL AS IN THE SELECTION AND DESIGN OF ENGINEERING FACILITIES USED FOR CONTROLLING THE ENVIRONMENT. FOCUSES ON THE SYSTEM AS A WHOLE AND HOW ITS COMPONENTS INTERACT, RATHER THAN ON THE COMPONENTS THEMSELVES. THE MATHEMATICS OF SYSTEMS ANALYSIS AND COMPUTER SOLUTIONS IS USED EXTENSIVELY. DESIGNED FOR A TWO-SEMESTER COURSE IN ENVIRONMENTAL SYSTEMS ENGINEERING, IT CAN EASILY BE ADAPTED TO SEVERAL TYPES OF SINGLE SEMESTER COURSES, EACH WITH A DIFFERENT EMPHASIS.

EPAWC2C5F
ENVIRONMENTAL PROTECTION
AUTHOR(S): CHANLETT E T
SOURCE(S): MCGRAW
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
COST: 19.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L P T
COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
ECOSYSTEMS
PUBLIC HEALTH
RESOURCE MANAGEMENT
(CODE NO 010520-0), 569 PP, SOLUTIONS MANUAL INCLUDED.
DESCRIBES THE RATIONALE FOR THE MANAGEMENT AND PROTECTION OF OUR LAND, AIR, WATER AND ENERGY RESOURCES. THE CONSEQUENCE OF MISMANAGEMENT OF THE MAJOR ENVIRONMENTAL COMPONENTS ARE EXAMINED AT THREE LEVELS - 1) EFFECTS ON HEALTH; 2) EFFECTS ON COMFORT, CONVENIENCE, EFFICIENCY AND ESTHETICS; AND 3) EFFECTS ON THE BALANCE OF ECOSYSTEMS AND OF RENEWABLE RESOURCES.

EPAW02C59
SYSTEMS ANALYSIS AND WATER QUALITY MANAGEMENT
AUTHOR(S): THOMANN R V
SOURCE(S): MCGRAW
SUBJECT AREAS:
SYSTEMS ANALYSIS AND MODELING
COST: 19.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D T
COPYRIGHT:
DATE: 72-00
REMARKS AND ABSTRACT:
(CODE NO 064214-1), 286 PP.
PRESENTS A RIGOROUS APPROACH, INTEGRATING PHYSICAL AND BIOCHEMICAL MODELS WITH OPTIMIZATION MODELS. USING BOTH MATHEMATICAL MODELS OF ENVIRONMENTAL RESPONSES AND MANAGEMENT AND CONTROL SCHEMES, THE TEXT 1) PROVIDES A SERIES OF ANALYTICAL TOOLS FOR DESCRIBING AND FORCASTING THE EFFECTS OF THE SURROUNDING ENVIRONMENT ON THE WATER QUALITY OF A STREAM OR ESTUARY; 2) PRESENTS INFORMATION ON WATER QUALITY CRITERIA AND WASTEWATER INPUTS, AND 3) ESTABLISHES A POINT OF DEPARTURE FOR EVALUATING THE WORTH OF WATER QUALITY IMPROVEMENT PROJECTS.

EPAW02060

COMPUTER SYSTEMS AND WATER RESOURCES VOLUME 1 DEVELOPMENTS IN WATER SCIENCE
AUTHOR(S): BUGLIARELLO G GUNTHER F
SOURCE(S): ELSEVIER
COST: 18.75 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 74-00
SUBJECT AREAS:
WATER RESOURCES
SYSTEMS ANALYSIS AND MODELING COMPUTERS
REMARKS AND ABSTRACT:
(ISBN 0-444-41259-X), 202 PP, 16 TABLES, 38 ILLUS, 210 REFERENCES.
ASSEMBLES INFORMATION AND EXAMINES SOME OF THE PRINCIPAL ISSUES THAT CAN PROVIDE A BASIS FOR ANSWERING QUESTIONS IN ALL AREAS OF WATER RESOURCES. DEALS WITH THE CONSIDERATIONS WHICH EMERGE WHEN ONE LOOKS AT WATER RESOURCES SYSTEMS IN TERMS OF THE COMPUTER - CONSIDERATIONS WHICH CUT ACROSS ALL AREAS OF WATER RESOURCES TECHNOLOGY. THE MAJOR WATER RESOURCES AREAS DEALT WITH ARE SURFACE WATER SYSTEMS, GROUNDWATER SYSTEMS AND WATER UTILITIZATION SYSTEMS.

EPAW02061

PHYSIOLOGICAL LIMNOLOGY VOLUME 2 DEVELOPMENTS IN WATER SCIENCE
AUTHOR(S): GOLTERMAN H L
SOURCE(S): ELSEVIER
COST: 51.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-00
SUBJECT AREAS:
LIMNOLOGY
REMARKS AND ABSTRACT:
(ISBN 0-444-41270-0), 490 PP, 62 TABLES, 157 ILLUS, REFERENCES.
DESCRIBES INTERACTIONS BETWEEN THE ABIOTIC ENVIRONMENT AND THE SMALLER ORGANISMS IN THE OPEN WATER OF LAKES, THE PELAGIC ECOSYSTEM. THE DIFFICULTIES OF PRESENT RESEARCH ON FOOD CHAINS ARE EXTENSIVELY TREATED AND EXAMPLES OF TWO FIELD STUDIES ARE SUMMARIZED.

EPAW02062

MULTIOBJECTIVE OPTIMIZATION IN WATER RESOURCES SYSTEMS VOLUME 3 DEVELOPMENTS IN WATER SCIENCE
AUTHOR(S): HAIMES Y Y HALL W A
SOURCE(S): ELSEVIER
COST: 17.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-00
SUBJECT AREAS:
SYSTEMS ANALYSIS AND MODELING WATER RESOURCES
REMARKS AND ABSTRACT:
(ISBN 0-444-41313-8), 200 PP, TABLES, ILLUS, REFERENCES; AUTH: H T FREEDMAN.
REPRESENTS A COMPREHENSIVE SURVEY OF THE METHODS PRESENTLY AVAILABLE FOR SOLVING MULTIPLE OBJECTIVE PROBLEMS, AND CONCENTRATES ON A NEW POWERFUL AND OPERATIONAL METHOD, NAMELY THE SURROGATE WORTH TRADE-OFF (SWT) METHOD. THIS METHOD SIMPLIFIES THE INTERACTION BETWEEN DECISI-MAKERS AND SYSTEMS ANALYSTS, AND ENABLES THEM TO DETERMINE A BEST POLICY VIA A MODERATE INTERACTION. THE METHOD IS APPLICABLE TO STATIC (MATHEMATICAL PROGRAMMING) AND DYNAMIC (OPTIMAL CONTROL) SYSTEMS.

EPAW02063

GROUNDWATER POLLUTION VOLUME 4 DEVELOPMENTS IN WATER SCIENCE
AUTHOR(S): FRIED J J
SOURCE(S): ELSEVIER
COST: 39.75 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-00
SUBJECT AREAS:
SYSTEMS ANALYSIS AND MODELING GROUNDWATER
REMARKS AND ABSTRACT:
(ISBN 0-444-41316-2), 338 PP, TABLES, ILLUS.
ATTEMPTS TO RATIONALIZE AND TO QUANTIFY GROUNDWATER POLLUTION, AND IT EMPHASIZED THAT POLLUTION PROBLEMS CAN BE FRAMED IN GOOD PHYSICO-MATHEMATICAL THEORIES AND THAT THESE THEORIES HAVE TECHNICAL AND MATHEMATICAL SOLUTIONS. THE IMPORTANCE OF MATHEMATICAL MODELLING IS STRESSED ALONG WITH ITS LIMITS AND RULES FOR USE. THE BASIC ECONOMIC IMPLICATIONS OF POLLUTION STUDIES ARE DEVELOPED AS THE NATURAL EXTENSION OF THE TECHNICAL ASPECTS, SHOWING THAT ALL COUNTRIES ARE ABLE TO DEAL WITH POLLUTION WITHIN THEIR FINANCIAL AND TECHNICAL CAPABILITIES.

EPAWC2064
TURBULENT JETS VOLUME 5 DEVELOPMENTS IN WATER SCIENCE DATE: 76-00
AUTHOR(S): RAJARATNAM N TYPE(S): PM CATEGORIES: D T
SOURCE(S): ELSEVIER COST: 0.00 LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
DISPERSION
REMARKS AND ABSTRACT:
(IN PREPARATION), APPROX 320 PP.
EMPHASIS IS ON THE PRACTICAL ASPECTS RATHER THAN ON THE THEORETICAL ASPECTS OF TURBULENCE AND AS SUCH GREAT EMPHASIS HAS BEEN PLACED ON THE PREDICTION OF TIME-AVERAGED QUANTITIES.

EPAWC2065
PIPELINE DESIGN FOR WATER ENGINEERS VOLUME 6 DEVELOPMENTS IN WATER SCIENCE DATE: 76-00
AUTHOR(S): STEPHENSON D TYPE(S): PM CATEGORIES: D T
SOURCE(S): ELSEVIER COST: 24.95 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
PIPES DESIGN HYDRAULICS
REMARKS AND ABSTRACT:
(ISBN 0-444-41417-7), 226 PP.
THE FIRST HALF OF THE TEXT IS CONCERNED WITH HYDRAULICS AND THE PLANNING OF PIPELINES. THE SECOND HALF DEALS WITH STRUCTURAL DESIGN, ANCILLARY FEATURES AND INSTALLATION. ACCOMPANIED BY DERIVATIONS OF EQUATIONS WHERE SPACE PERMITS, BY EXAMPLES AND BY NUMEROUS DESIGN CHARTS AND DIAGRAMS. CONCENTRATES ON THE DESIGN OF LARGE DIAMETER WATER MAINS.

EPAWC2066
COMPUTER SIMULATION TECHNIQUES IN HYDROLOGY DATE: 75-00
AUTHOR(S): FLEMING G TYPE(S): PM CATEGORIES: D T
SOURCE(S): ELSEVIER COST: 26.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
HYDROLOGY SYSTEMS ANALYSIS AND MODELING COMPUTER PROGRAMS
REMARKS AND ABSTRACT:
(ISBN 0-444-CC157-3), 352 PP.
BRINGS TOGETHER THE MANY ASPECTS OF COMPUTER SIMULATION AND DETERMINISTIC MODELS, BRIDGING THE GAP BETWEEN THEORY AND PRACTICE. BASED ON EXPERIENCE GAINED IN TEACHING ESTABLISHED COURSES IN HYDROLOGY AND COMPUTER SIMULATION.

EPAW02C67
WATER POLLUTION DATE: 74-C0
AUTHOR(S): MILLER S S TYPE(S): PM CATEGORIES: L T M
SOURCE(S): ACS COST: 9.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
WATER QUALITY ADMINISTRATIVE AGENCIES LAWS AND REGULATIONS STANDARDS
REMARKS AND ABSTRACT:
ISBN 0-8412-0192-7, 317PP., PAPERBACK; HARDBACK ED. $12.50.
DISCUSSES FEDERAL AND STATE POLICY; HOW, AND TO WHAT EXTENT MILITARY, BUSINESS, AND INDUSTRIAL COMMUNITIES ARE ACTING TO IMPLEMENT NEW LAWS AND STANDARDS; MONITORING, SPECIFIC POLLUTANTS, TERTIARY TREATMENT, DRINKING WATER, MICROSTRAINING, DESALINATION, ELECTROLYSIS, ABSORPTION, AND SEWAGE TREATMENT. STATE-OF-THE-ART SURVEY ARTICLES FROM "ENVIRONMENTAL SCIENCE AND TECHNOLOGY", COLLECTED BY STANTON MILLER.

EPAW02068
INDUSTRIAL WATER PURIFICATION — DATE: 74-00
AUTHOR(S): MARTIN L F — TYPE(S): PM — CATEGORIES: D O
SOURCE(S): NOYES — COST: 36.00 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES — OPERATIONS (WASTEWATER) — WASTEWATER TREATMENT PLANTS — HEAVY METALS
OIL AND GREASE — SUSPENDED MATTER
REMARKS AND ABSTRACT:
(ISBN 0-8155-0554-X); 300PP.
DESCRIBES OVER 160 RECENTLY DEVISED PROCESSES FOR THE TREATMENT OF CONTAMINATED INDUSTRIAL WATERS AND EFFLUENTS. PURSUANT TO NEW FEDERAL LEGISLATION ALL INDUSTRIAL FACILITIES MUST INCLUDE DOWNSTREAM WATER PURIFICATION PROCESSES. INCLUDES: SOLID-LIQUID SEPARATION PROCESSES, OIL-WATER SEPARATIONS, REMOVAL OF METALS, METAL FINISHING EFFLUENTS, PULP AND PAPER PROBLEMS, COAL, ORE AND TAR SAND PROCESSING, REFINING AND CHEMICAL PROCESSES. THE DESCRIPTIONS CLEARLY HIGHLIGHT THE AREAS OF GREATEST IMMEDIATE CONCERN.

EPAWC2C69
SEWAGE SLUDGE TREATMENT — DATE: 72-00
AUTHOR(S): JAMES P W — TYPE(S): PM — CATEGORIES: D O L
SOURCE(S): NOYES — COST: 36.00 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
SLUDGE TREATMENT
REMARKS AND ABSTRACT:
276PP.
DESCRIBES 119 PATENT-BASED PROCESSES RELATING TO THE TREATMENT OF SEWAGE SLUDGE.

EPAWC2C7C
UPGRADING EXISTING WATER TREATMENT PLANTS — DATE: 74-00
AUTHOR(S): AWWA — TYPE(S): PM — CATEGORIES: E O T
SOURCE(S): AWWA — COST: 10.00 P — LEVEL: 3 — COPYRIGHT: C
SUBJECT AREAS:
WATER TREATMENT PLANTS — EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
NO. 20126; PAPERBOUND; 249PP.
SEMINAR PAPERS (20) PRESENTED AT AWWA SEMINAR ON UPGRADING EXISTING FACILITIES.

EPAWC2D71
COMMITTEE REPORT ON DISPOSAL OF WATER TREATMENT PLANT WASTES — DATE: 72-00
AUTHOR(S): AWWA — TYPE(S): PM — CATEGORIES: E O S T
SOURCE(S): AWWA — COST: 3.00 P — LEVEL: 2 — COPYRIGHT: C
SUBJECT AREAS:
SLUDGE DISPOSAL
REMARKS AND ABSTRACT:
NO. 50104; SELF-COVER; 8PP.
FIVE METHODS OF PROCESSING AND REPROCESSING THE SLUDGE PRODUCT.

EPAW02073

WATER QUALITY CONFERENCE PROCEEDING
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
WATER QUALITY
SAMPLING
REMARKS AND ABSTRACT:
NO. 20127; PAPERBOUND, 248PP.
ASSEMBLAGE OF 29 PAPERS PRESENTED AT AWWA'S 1974 WATER QUALITY TECHNOLOGY CONFERENCE.

COST: 10.00 P
TYPE(S): PM
LEVEL: 3
DATE: 74-00
CATEGORIES: D M O P T
COPYRIGHT: C
QUALITY CONTROL
LAWS AND REGULATIONS
CHEMISTRY
MEETINGS AND CONFERENCES
ANALYTICAL TECHNIQUES

EPAW02074

MUNICIPAL SLUDGE MANAGEMENT AND DISPOSAL
AUTHOR(S): INFO TRANS
SOURCE(S): INFO TRANS
SUBJECT AREAS:
SLUDGE DISPOSAL
REMARKS AND ABSTRACT:
264PP.; PROCEEDINGS OF THE SECOND NATIONAL CONFERENCE ON MUNICIPAL SLUDGE MANAGEMENT AND DISPOSAL. DESIGNED TO BE IMMEDIATELY BENEFICIAL TO THOSE RESPONSIBLE FOR UPGRADING SLUDGE HANDLING AND DISPOSAL OPERATIONS, ENVIRONMENTAL IMPACT STATEMENTS, SLUDGE DISPOSAL MONITORING OPERATIONS, FATE OF HEAVY METALS AND NUTRIENTS, AND HEALTH EFFECTS.

COST: 25.00 P
TYPE(S): PM
LEVEL: 3
DATE: 75-00
CATEGORIES: P D
COPYRIGHT:
ENVIRONMENTAL IMPACT STMTS
HEAVY METALS
HEALTH EFFECTS

EPAW02075

PROCESSING WATER TREATMENT PLANT SLUDGE
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
SLUDGE CONDITIONING
REMARKS AND ABSTRACT:
NO. 20108; PAPERBOUND, 160PP.
RECENT DEFINITIVE ARTICLES ON ALL FACETS OF PROCESSING WATER TREATMENT PLANT SLUDGE.

COST: 9.00 P
TYPE(S): PM
LEVEL: 3
DATE: 74-00
CATEGORIES: D T
COPYRIGHT: C
SLUDGE DEWATERING
SLUDGE DIGESTION

EPAWC2C76

MANAGEMENT AND DISPOSAL OF RESIDUES FROM THE TREATMENT OF INDUSTRIAL WASTEWATERS
AUTHOR(S): INFO TRANS
SOURCE(S): INFO TRANS
SUBJECT AREAS:
SLUDGE DISPOSAL
REMARKS AND ABSTRACT:
270PP.; PROCEEDINGS OF THE NATL. CONFERENCE ON MANAGEMENT AND DISPOSAL OF RESIDUES FROM TREATMENT OF INDUSTRIAL WW. PRESENTS ALL ASPECTS OF INDUSTRIAL SLUDGE MANAGEMENT, INCLUDING INDUSTRIAL WASTEWATER TREATMENT AND AIR SCRUBBING SYSTEMS, OPERATIONAL PROBLEMS, SUCCESSFUL AND UNSUCCESSFUL SLUDGE DISPOSAL SYSTEMS, ENERGY RECOVERY, RESOURCE RECOVERY AND REUSE, INSTITUTIONAL PROBLEMS, CLOSED RECYCLE SYSTEMS, LAND DISPOSAL AND STANDARDS FOR DISPOSAL.

COST: 25.00 P
TYPE(S): PM
LEVEL: 3
DATE: 75-00
CATEGORIES: D P
COPYRIGHT:
LAND DISPOSAL
RESOURCE RECOVERY

EPAW02077

MUNICIPAL SLUDGE MANAGEMENT
AUTHOR(S): INFO TRANS
SOURCE(S): INFO TRANS
SUBJECT AREAS: COST: 15.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: D P DATE: 74-00
SLUDGE DISPOSAL COPYRIGHT:
REMARKS AND ABSTRACT:
224PP.: PROCEEDINGS OF THE NATIONAL CONFERENCE ON MUNICIPAL SLUDGE MANAGEMENT.
HIGHLIGHTS ALL ASPECTS OF SLUDGE MANAGEMENT. PROBLEMS DISCUSSED; COSTS ARE PROVIDED THROUGHOUT; SOLUTIONS ARE
PRESENTED FOR VARIOUS UNIT PROCESSES AND TOTAL SYSTEMS.

EPAW02078

RECYCLING MUNICIPAL SLUDGES AND EFFLUENTS ON LAND
AUTHOR(S): INFO TRANS
SOURCE(S): INFO TRANS
SUBJECT AREAS: COST: 15.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: D P DATE: 73-00
SLUDGE DISPOSAL COPYRIGHT:
REMARKS AND ABSTRACT: LAND DISPOSAL
254PP.: PROCEEDINGS OF JOINT CONFERENCE ON RECYCLING MUNICIPAL SLUDGES AND EFFLUENTS ON LAND.
A SERIES OF PAPERS COVERING ALL ASPECTS OF RECYCLING MUNICIPAL SLUDGES AND THE APPLICATION OF EFFLUENTS TO LAND.

EPAWC2C7S

COMMITTEE REPORT ON REPLACEMENT OF WATER DISTRIBUTION MAINS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 3.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: D S DATE: 69-00
PIPES COPYRIGHT: C
REMARKS AND ABSTRACT: DISTRIBUTION SYSTEMS CAST IRON PIPES ASBESTOS CEMENT PIPES
NO. 50102; 8PP.
ESTABLISHES USEFUL GUIDELINES FOR THE REPLACEMENT OF PIPES OF SMALLER SIZES AND IS GENERALLY LIMITED TO CAST IRON
AND ASBESTOS CEMENT PIPE.

EPAWC2C8O

AWWA STANDARD FOR GRANULAR ACTIVATED CARBON
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS: COST: 4.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: D L O DATE: 74-00
STANDARDS COPYRIGHT: C
REMARKS AND ABSTRACT: ACTIVATED CARBON ADSORPTION
8604-74; NO. 42604; 29PP.
COVERS GRANULAR ACTIVATED CARBON FOR USE AS AN ADSORPTION MEDIA IN THE TREATMENT OF MUNICIPAL INDUSTRIAL WATER
SUPPLIES.

EPAW02081

AMERICAN NATIONAL STANDARD FOR POLYETHYLENE ENCASEMENT FOR GRAY & DUCTILE CAST IRON PIPING FOR WATER
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
DATE: 72-CO
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O
COPYRIGHT: C
CAST IRON PIPES
VALVES
C105-72; (ANSI A21.5-1972); NO. 43105; 16PP.
COVERS MATERIAL AND INSTALLATION PROCEDURES FOR POLYETHYLENE ENCASEMENT TO BE APPLIED TO UNDERGROUND INSTALLATIONS OF GRAY AND DUCTILE CAST-IRON PIPE. ALSO MAY BE USED FOR POLYETHYLENE ENCASEMENT OF FITTINGS, VALVES, AND OTHER APPURTENANCES TO GRAY AND DUCTILE CAST-IRON PIPE SYSTEMS.

EPAW02082

AWWA STANDARD FOR BALL VALVES SHAFT OR TRUNNION MOUNTED 6-48IN FOR WATER PRESSURES TO 300 PSI
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
STANDARDS
REMARKS AND ABSTRACT:
DATE: 73-00
COST: 3.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D
COPYRIGHT: C
VALVES
C507-73; NO. 43507; 16PP.
COVERS CAST-IRON, DUCTILE-IRON, AND CAST-STEEL, FLANGED-END, TIGHT SHUT-OFF, SHAFT-OR TRUNNION-MOUNTED, FULL PORT, DOUBLE- AND SINGLE-SEATED BALL VALVES FOR PRESSURES UP TO 300 PSI IN SIZES FROM 6 IN. THROUGH 48 IN. DIAMETER FOR USE IN WATER SYSTEMS HAVING FRESH WATER WITH A PH GREATER THAN 6 AND TEMPERATURES GENERALLY LESS THAN 125F.

EPAWC2083

STATEMENT OF POLICY ON PUBLIC WATER SUPPLY MATTERS
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
WATER SUPPLY
REMARKS AND ABSTRACT:
DATE: 74-11
COST: 3.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: E
COPYRIGHT: C
RECREATION
DISTRIBUTION SYSTEMS
PUBLIC RELATIONS
NO. 50004; SELF-COVER; 16PP.
AWWA OFFICIAL POSITION POLICIES RELATING TO PUBLIC WATER SUPPLY MATTERS. INCLUDES NATIONAL WATER POLICY, RECREATIONAL USE OF WATER STORAGE FACILITIES, METERING, MORE.

EPAW02084

WASTE OIL RECOVERY AND REUSE
AUTHOR(S): INFO TRANS
SOURCE(S): INFO TRANS
SUBJECT AREAS:
OIL AND GREASE
REMARKS AND ABSTRACT:
DATE: 74-00
COST: 20.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D P
COPYRIGHT:
RESOURCE RECOVERY
424PP.
PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON WASTE OIL RECOVERY AND REUSE SPONSORED BY THE ASSOCIATION OF PETROLEUM RE-REFINERS. INCLUDES THE IDENTIFICATION OF THE KNOWN AVAILABLE SOURCES OF WASTE OILS AND THEIR CHARACTERISTICS AND THE MOST UP-TO-DATE TECHNOLOGIES FOR PROCESSING WASTE OILS FOR REUSE; ALSO HIGHLIGHTS INDUSTRIAL AND INSTITUTIONAL NEEDS.

EPAW02085

MANAGEMENT AND ENGINEERING GUIDE TO ECONOMIC POLLUTION CONTROL
AUTHOR(S): KROFCHAK D
SOURCE(S): VISCOUNT
SUBJECT AREAS:
ECONOMICS
REMARKS AND ABSTRACT:
DEALS WITH SOME OF INDUSTRIES' WORST POLLUTION PROBLEMS AND BACKS THE SOLUTIONS UP WITH WORKING CASE HISTORIES.

COST: 12.50 P
ENVIRONMENTAL CONTROL
TYPE(S): PM
LEVEL: 3
WASTEWATER TREATMENT
CATEGORIES: P
COPYRIGHT:
INDUSTRIAL WASTES
DATE: 72-00

EPAW02086

HANDBOOK OF OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR WATER UTILITIES
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
NO. 20104; HANDBOOK, LOOSE-LEAF, 3-RING POLYETHYLENE BINDER, 284PP.
HIGHLIGHTS OSHA REQUIREMENTS FOR WATER UTILITIES.

COST: 25.00 P
STANDARDS
TYPE(S): PM
LEVEL: 1
O S H A
CATEGORIES: L O S
COPYRIGHT: C
WATER TREATMENT PLANTS
DATE: 74-09

EPAW02087

COMMITTEE REPORTS ON WATER MAIN EXTENSION POLICIES
AUTHOR(S): AWWA
SOURCE(S): AWWA
SUBJECT AREAS:
PIPES
REMARKS AND ABSTRACT:
NO. 50103; 40PP.
PRESENTS THE RESULTS OF A RECENT SURVEY OF POLICIES GOVERNING WATER MAIN EXTENSIONS. THE RESULTS HAVE BEEN SUMMARIZED AND STATED IN TWO WAYS: FIRST, WATER UTILITY PROPERTIES ARE GROUPED ACCORDING TO THEIR MAIN EXTENSION PLANS AND SECONDLY, ALL PLANS ARE COMPARED ACCORDING TO A COMMON DENOMINATOR, DOLLAR INVESTMENT IN LOCAL MAINS PER DOLLAR OF ANTICIPATED REVENUE.

COST: 3.00 P
DISTRIBUTION SYSTEMS
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O P S
COPYRIGHT: C
DATE: 71-00

EPAW02088

ENVIRONMENTAL PERIODICALS BIBLIOGRAPHY
AUTHOR(S): ESI
SOURCE(S): ESI
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
ANNUAL VOLUME CONTAINS SIX ISSUES PLUS AN ANNUAL INDEX.
A BIBLIOGRAPHIC REFERENCE TOOL THAT HAS SOMETHING FOR EVERYBODY INTERESTED IN SOME ASPECT OF THE ENVIRONMENT.
PROVIDES A CONVENIENT MEANS FOR YOU TO SCAN THE RELEVANT PERIODICAL LITERATURE IN YOUR FIELD.

COST:
ECOSYSTEMS
TYPE(S): PM
LEVEL: 2
CATEGORIES: E
COPYRIGHT:
DATE: 76-00

EPAW02089
AWWA STANDARD FOR STEEL WATER PIPE 6 IN AND LARGER DATE: 75-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D T
SOURCE(S): AWWA COST: 4.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS STEEL PIPES DESIGN
REMARKS AND ABSTRACT:
C200-75; (NO. 43200); 30PP.
COVERS BUTT WELDED OR SEAMLESS STEEL FABRICATED OR SPIRAL OR STRAIGHT SEAM MILL TYPE PIPE SIX INCHES IN NOMINAL DIAMETER AND LARGER AND SPECIAL SECTIONS INTENDED FOR TRANSMISSION AND DISTRIBUTION OF WATER.

EPAW02090
AWWA STANDARD FOR ENCODER TYPE REMOTE REGISTRATION SYSTEMS FOR COLD WATER METERS DATE: 75-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 1.50 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS WATER METERS
REMARKS AND ABSTRACT:
C402-75; (NO. 43707); 12PP.
COVERS ENCODER TYPE REMOTE REGISTRATION SYSTEMS FOR USE ON COLD WATER METERS FOR WATER WORKS CUSTOMER SERVICE AND THE MATERIALS AND WORKMANSHIP EMPLOYED IN THEIR FABRICATION AND ASSEMBLY.

EPAW02091
AWWA STANDARD FOR COLD WATER METERS MULTI JET TYPE FOR CUSTOMER SERVICE DATE: 75-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 0.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS WATER METERS
REMARKS AND ABSTRACT:
C402-75; (NO. 43708)
COVERS THE VARIOUS TYPES AND CLASSES OF COLD-WATER MULTI-JET METERS IN SIZES 5/8 THROUGH 2 IN. FOR WATER-WORKS CUSTOMER SERVICE, AND THE MATERIALS AND WORKMANSHIP EMPLOYED IN THEIR FABRICATION. THESE METERS REGISTER BY RECORDING THE REVOLUTIONS OF A ROTOR SET IN MOTION BY THE FORCE OF FLOWING WATER STRIKING THE BLADES.

EPAW02092
AWWA STANDARD FOR POLY VINYL CHLORIDE PVC PRESSURE PIPE 4 INCH THROUGH 12 INCH FOR WATER DATE: 75-00
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: D
SOURCE(S): AWWA COST: 2.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
STANDARDS PLASTIC PIPES
REMARKS AND ABSTRACT:
C707-75 (NO. 43900); 24PP.
COVERS 4 INCH THROUGH 12 INCH PVC 1120 PRESSURE PIPE MADE FROM CLASS 12454-B MATERIAL AND CONFORMING WITH THE OUTSIDE-DIAMETER DIMENSIONS OF STEEL PIPE (IPS) OR CAST-IRON PIPE AND WITH THE WALL THICKNESS OF DR SERIES 14, 18, OR 25.

EPAW02093
AMERICAN NATIONAL STANDARD FOR FLANGED CAST IRON AND DUCTILE IRON PIPE WITH
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 1.50 P
TYPE(S): PM
LEVEL: 2
DATE: 75-00
CATEGORIES: D
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
DUCTILE IRON PIPES
CAST IRON PIPES
REMARKS AND ABSTRACT:
C900-75 (NO. 43115): 12PP.
COVERS 3-48 INCH GRAY-IRON AND 3-54 INCH DUCTILE-IRON FLANGED PIPE WITH THREADED FLANGES FOR WATER OR OTHER LIQUIDS. THE FLANGED PIPE ARE RATED FOR A MAXIMUM WORKING PRESSURE OF EITHER 150 OR 250 PSI AS SPECIFIED IN THE TABLES. ALL FLANGES ARE RATED FOR A MAXIMUM WORKING PRESSURE OF 250 PSI.

EPAW02094
AWWA STANDARD FOR ASBESTOS CEMENT TRANSMISSION PIPE FOR WATER AND OTHER LIQUIDS
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 1.50 P
TYPE(S): PM
LEVEL: 2
DATE: 75-00
CATEGORIES: D
COPYRIGHT: C
SUBJECT AREAS:
STANDARDS
ASBESTOS CEMENT PIPES
REMARKS AND ABSTRACT:
C709-75 (8NO. 43402): 16PP.
COVERS ASBESTOS-CEMENT TRANSMISSION PIPE OF TWO CHEMICAL TYPES, EACH IN NINE STRENGTH CLASSIFICATIONS OF 18 INCH THROUGH 42 INCH DIAMETER PIPE, INTENDED TO BE USED FOR THE TRANSMISSION OF WATER OF OTHER LIQUIDS UNDER PRESSURE AND TO BE LAID UNDERGROUND IN PUBLIC AND PRIVATE RIGHTS-OF-WAY. ASBESTOS-CEMENT TRANSMISSION PIPE IS TO BE USED IN PIPE SYSTEMS HAVING RELATIVELY STEADY FLOWS AND FEW APPURTENANCES, WHICH PERMIT REASONABLE HYDRAULIC ANALYSIS INCLUDING THAT FOR SURGE.

EPAW02095
CONVERTING NUMBERS TO EXPONENTIAL NOTATION
AUTHOR(S): COMM SKILL
HOWARD B
SOURCE(S): COMM SKILL
COST: 40.00 P
TYPE(S): SL FS AC PM
LEVEL: 0
DATE: 76-99
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
(NO. 801)
EXPLAINS THE ADVANTAGES OF EXPRESSING LARGE AND SMALL NUMBERS IN EXPONENTIAL NOTATION AND ESTABLISHES THE STANDARD FORM FOR EXPONENTIAL NOTATION. RULES ARE TAUGHT FOR EXPRESSING NUMBERS GREATER THAN AND LESS THEN UNITY IN EXPONENTIAL NOTATION.

EPAW02096
ADDITION SUBTRACTION MULTIPLICATION AND DIVISION OF EXPONENTIAL NUMBERS
AUTHOR(S): COMM SKILL
HOWARD B
SOURCE(S): COMM SKILL
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 0
DATE: 76-99
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
(NO. 802)
REVIEWS THE RULES FOR EXPRESSING NUMBERS IN EXPONENTIAL FORM. THE ADDITION AND SUBTRACTION OF NUMBERS IN EXPONENTIAL IS DESCRIBED WITH EXAMPLES. MULTIPLICATION AND DIVISION IS THEN DEVELOPED IN DETAIL, FOLLOWED BY A SECTION COMBINING MULTIPLICATION AND DIVISION IN A SERIES OF PROBLEMS.

EPAW02C97
DETERMINING SIGNIFICANT FIGURES
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL
SUBJECT AREAS:
MATHEMATICS
HOWARD B
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 0
CATEGORIES: T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 803 PART 1)
TEACHES THE BASIC RULES FOR DETERMINING THE NUMBER OF SIGNIFICANT FIGURES IN A NUMERICAL EXPRESSION, AND TO USE THESE RULES FOR DETERMINING THE CORRECT NUMBER OF DIGITS IN VARIOUS ARITHMETIC OPERATIONS.

EPAW02C98
PRECISION AND ACCURACY
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL
SUBJECT AREAS:
MATHEMATICS
HOWARD B
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 0
CATEGORIES: T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 803 PART 2)
INTRODUCES THE CONCEPTS OF AVERAGING, CALCULATING MEAN VALUES, AVERAGE DEVIATION, RELATIVE DEVIATION, AND THE CALCULATION OF ABSOLUTE AND RELATIVE ERRORS. PRECISION AND ACCURACY ARE DEFINED AND ARE CALCULATED FOR SEVERAL TYPICAL ANALYSES.

EPAW02C99
USING SIMPLE LOGARITHMS PART 1 LOGS AND ANTILOGS
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL
SUBJECT AREAS:
MATHEMATICS
HOWARD B
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 0
CATEGORIES: T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 804 PART 1)
DEFINES LOGARITHMS AND TEACHES THE STUDENT TO USE A STANDARD 4-PLACE LOG TABLE FOR FINDING THE LOGS OF NUMBERS GREATER THAN AND LESS THAN ONE. THE USE OF THE ANTI-LOG TABLE IS TAUGHT AND A NUMBER OF EXERCISES ARE GIVEN TO ILLUSTRATE ITS APPLICATION.

EPAW02100
USING SIMPLE LOGARITHMS PART 2 MULTIPLICATION AND DIVISION
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL
SUBJECT AREAS:
MATHEMATICS
HOWARD B
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 0
CATEGORIES: T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 804 PART 2)
SHOWS THE STUDENT THE MANY PRACTICAL USES FOR LOGS AND ANTI-LOGS. A VARIETY OF SIMPLE EXPERIMENTS IS DEVELOPED IN WHICH MULTIPLICATION AND DIVISION ARE GREATLY SIMPLIFIED THROUGH THE USE OF LOGARITHMS.

EPAW02101
SOLVING SIMPLE EQUATIONS PART 1 LINEAR AND SIMULTANEOUS DATE: 76-99
AUTHOR(S): COMM SKILL HOWARD B TYPE(S): PM FS SL AC CATEGORIES: T
SOURCE(S): COMM SKILL COST: 40.00 P LEVEL: 0 COPYRIGHT:
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
(NO. 805 PART 1)
REVIEWS BASIC CONCEPTS IN ALGEBRA, AND THE SOLUTIONS TO SIMPLE FIRST DEGREE EQUATIONS IN ONE AND TWO UNKNOWNS. SIMULTANEOUS EQUATIONS ARE SOLVED USING COEFFICIENT EQUALIZATION AND SUBSTITUTION METHODS.

EPAW02102
SOLVING SIMPLE EQUATIONS PART 2 QUADRATIC DATE: 76-99
AUTHOR(S): COMM SKILL HOWARD B TYPE(S): PM SL FS AC CATEGORIES: T
SOURCE(S): COMM SKILL COST: 40.00 P LEVEL: 0 COPYRIGHT:
SUBJECT AREAS:
MATHEMATICS
REMARKS AND ABSTRACT:
(NO. 805 PART 2)
INTRODUCES THE CONCEPT OF SECOND DEGREE EQUATIONS AND THE TECHNIQUE FOR FACTORING QUADRATICS IS DEMONSTRATED. THE FORMULA FOR SOLVING THE GENERAL QUADRATIC IS DESCRIBED AND MANY PRACTICAL EXERCISES ARE PROVIDED.

EPAW02103
COLLECTING AND PLOTTING DATA LINEAR GRAPHS DATE: 76-99
AUTHOR(S): COMM SKILL HOWARD B TYPE(S): PM FS SL AC CATEGORIES: T
SOURCE(S): COMM SKILL COST: 40.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
GRAPHICAL METHODS
REMARKS AND ABSTRACT:
(NO. 806)
INTRODUCES THE CONCEPT OF MEASUREMENT AND THE COLLECTION OF DATA FROM A SIMPLE EXPERIMENT. THE STUDENT PLOTS A LINEAR GRAPH FROM DATA PROVIDED. FROM HIS GRAPH, HE CALCULATES THE SLOPE AND DERIVES AN EQUATION FOR A STRAIGHT LINE. MATERIALS NEEDED TO PLOT LINEAR GRAPHS ARE INCLUDED.

EPAW02104
COLLECTING AND PLOTTING DATA NON LINEAR GRAPHS DATE: 76-99
AUTHOR(S): COMM SKILL HOWARD B TYPE(S): PM FS SL AC CATEGORIES: T
SOURCE(S): COMM SKILL COST: 40.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
GRAPHICAL METHODS
REMARKS AND ABSTRACT:
(NO. 807)
INTRODUCES THE CONCEPT OF NON-LINEAR GRAPHS USING A FAMILIAR EXPERIMENT INVOLVING DISTANCE AND TIME. RELATIONSHIPS ARE DEVELOPED BETWEEN THE SLOPE OF THE CURVE AT A GIVEN POINT AND THE VARIABLES. THEN THE STUDENT LEARNS TO CONSTRUCT A NON LINEAR GRAPH AND TO INTERPRET ITS SIGNIFICANCE. IT CONCLUDES WITH AN EXERCISE WHERE THE STUDENT PLOTS CONCENTRATION/TIME DATA FOR A CHEMICAL REACTION AND DEDUCES THE RATE LAW. MATERIALS TO PLOT NON-LINEAR GRAPHS ARE INCLUDED.

EPAW02105
COMMON LABORATORY APPARATUS
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL
SUBJECT AREAS:
LABORATORY SKILLS
HOWARD B
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 911)
DESIGNED TO ACQUAINT THE BEGINNING CHEMISTRY STUDENT WITH COMMON LABORATORY APPARATUS AND TECHNIQUES. COMMON WEIGHT AND VOLUME MEASURING DEVICES ARE DESCRIBED. FILTER FUNNELS, SUCTION DEVICES, CENTRIFUGES, HEATING METHODS AND THE CARE AND HANDLING OF REAGENTS ARE TREATED.

EPAW02106
PIPETTING TECHNIQUES
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL
SUBJECT AREAS:
LABORATORY SKILLS
HOWARD B
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 912)
TEACHES THE STUDENT TO IDENTIFY, SELECT AND USE TRANSFER AND MEASURING PIPETS. THE EMPHASIS IS ON PROPER TECHNIQUES AND ACCURACY. PIPETTING TECHNIQUE IS ILLUSTRATED WITH PHOTOGRAPHS USING SIMPLE STEP-BY-STEP PROCEDURES.

EPAW02107
TITRATION TECHNIQUES
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL
SUBJECT AREAS:
LABORATORY SKILLS
HOWARD B
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 813 PART I)
GENERAL TECHNIQUES USED IN TITRATION ARE ESTABLISHED. CORRECT TECHNIQUES ARE DESCRIBED FOR SETTING UP AND USING A BURET. INDICATOR END-POINTS FOR SEVERAL DIFFERENT CLASSES OF VOLUMETRIC ANALYSES ARE DESCRIBED.

EPAWC21C8
GRAVIMETRIC ANALYSIS
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL
SUBJECT AREAS:
LABORATORY SKILLS
HOWARD B
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 913 PART 2)
BASIC PRINCIPLES OF GRAVIMETRIC ANALYSIS ARE EXPLAINED AND ILLUSTRATED WITH A STEP-BY-STEP PROCEDURE OF A CHEMICAL ANALYSIS.

EPAW02109
PREPARING SOLUTIONS DATE: 76-99
AUTHOR(S): COMM SKILL HOWARD B TYPE(S): PM FS SL AC CATEGORIES: M
SOURCE(S): COMM SKILL COST: 40.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
LABORATORY SKILLS
REMARKS AND ABSTRACT:
(NO. 814)
COMMON CHEMICAL TERMINOLOGY OF SOLUTIONS IS EXPLAINED. PROCEDURES ARE OUTLINED FOR PREPARING STANDARD SOLUTIONS.

EPAWC211C
PH MEASUREMENTS DATE: 76-99
AUTHOR(S): COMM SKILL HOWARD B TYPE(S): PM FS SL AC CATEGORIES: M
SOURCE(S): COMM SKILL COST: 40.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
PH ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
(NO. 815)
SIMPLE ACCOUNT IS GIVEN OF THE BASIC THEORY OF THE PH METER AND ITS OPERATIONS. IN ADDITION, THE USE OF INDICATORS FOR PH MEASUREMENT IS DISCUSSED.

EPAW02111
COLORIMETRIC ANALYSIS DATE: 76-99
AUTHOR(S): COMM SKILL HOWARD B TYPE(S): PM FS SL AC CATEGORIES: M T
SOURCE(S): COMM SKILL COST: 40.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
(NO. 819)
REVIEWS THE ABSORPTION OF ULTRAVIOLET AND VISIBLE LIGHT. THE BEER-LAMBERT LAW IS DEVELOPED AND THE TECHNIQUE AND INSTRUMENTATION FOR MAKING COLORIMETRIC MEASUREMENTS ARE DESCRIBED.

EPAW02112
METRIC SYSTEM OF LINEAR MEASURE DATE: 76-99
AUTHOR(S): MITCHELL J P TYPE(S): PM FS SL AC CATEGORIES: T
SOURCE(S): COMM SKILL COST: 40.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
MEASUREMENT
REMARKS AND ABSTRACT:
(NO. 821)
DESCRIBES THE UNITS OF THE METRIC SYSTEM OF LINEAR MEASURE. CONVERSIONS FROM ONE UNIT OF THE SYSTEM TO OTHERS ARE FULLY EXPLAINED. INCLUDES A PRACTICAL EXERCISE IN MEASURING THE LENGHT OF OBJECTS WITH A CENTIMETER RULER.

EPAW02113
METRIC SYSTEM OF MEASUREMENT VOLUME AND MASS
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
MEASUREMENT
REMARKS AND ABSTRACT:
(NO. 822)
DESCRIBES THE UNITS OF METRIC MEASUREMENTS OF VOLUME AND MASS. CONVERSIONS FROM ONE UNIT OF THE SYSTEM TO ANY OTHER UNIT IS EXPLAINED FOR BOTH VOLUME AND MASS MEASUREMENT.
COST: 400.00 P
TYPE(S): PM FS SL AC
LEVEL: 1
CATEGORIES: T
COPYRIGHT:
DATE: 76-99

EPAW02114
CONVERSION BETWEEN SYSTEMS ENGLISH TO METRIC AND VICE VERSA
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
MEASUREMENT
CONVERSION TABLES
REMARKS AND ABSTRACT:
(NO. 823)
CONVERSION FACTORS BETWEEN THE TWO SYSTEMS ARE EXPLAINED FOR LINEAR VOLUME AND MASS MEASUREMENT. DESCRIBES THE USE OF THESE FACTORS TO CONVERT MEASUREMENTS FROM ONE SYSTEM TO THE OTHER.
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 1
CATEGORIES: T
COPYRIGHT:
DATE: 76-99

EPAW02115
DENSITY AND SPECIFIC GRAVITY
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
SPECIFIC GRAVITY
REMARKS AND ABSTRACT:
(NO. 824)
DENSITY AND SPECIFIC GRAVITY ARE DEFINED. PROCEDURES ARE ILLUSTRATED AND EXPLAINED FOR MEASURING DENSITIES OF SOLIDS AND LIQUIDS. EXPLAINS HOW TO PERFORM VARIOUS ELEMENTARY MASS-VOLUME CALCULATIONS.
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE:

EPAW02116
TEMPERATURE
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
TEMPERATURE
REMARKS AND ABSTRACT:
(NO. 825)
THE TERMS, "TEMPERATURE", "HEAT" AND "CALORIE" ARE CLEARLY DEFINED. THE OPERATING PRINCIPLE OF THE MERCURY THERMOMETER IS TREATED AS WELL AS THE CONVERSION PROCESS BETWEEN CELSIUS AND FAHRENHEIT SCALES. ALSO INCLUDED IS THE CONVERSION FROM CELSIUS TO THE KELVIN SCALE.
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99

EPAW02117

ATOMIC WEIGHTS MOLECULAR WEIGHTS AND THE MOLE CONCEPT
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
CHEMISTRY
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 831)
TEACHES WITH EXAMPLES, THE MEANING OF A.M.U., ATOMIC WEIGHT, AND MOLECULAR WEIGHT. THE MOLE CONCEPT IS DISCUSSED AND THE ESSENTIAL RELATIONSHIP BETWEEN MOLES AND MASS IS DERIVED. THE TERMS, GRAM-ATOMIC WEIGHT AND GRAM-MOLECULAR WEIGHT ARE DEFINED.

EPAW02118

FORMULAS AND COMPOSITION CALCULATIONS
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
CHEMISTRY
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 832)
DISCUSSES HOW CHEMICAL FORMULAS GIVE RISE TO DEFINITE WEIGHT RELATIONSHIPS BETWEEN ELEMENTS OF A COMPOUND. PERCENT COMPOSITIONS OF COMPOUNDS ARE CALCULATED FROM FORMULAS. FINALLY, WAYS OF CALCULATING WEIGHTS OF ELEMENTS (OR OTHER COMPOUNDS) OBTAINED FROM A SAMPLE OF A PARTICULAR COMPOUND ARE GIVEN.

EPAW02119

CALCULATIONS INVOLVING EQUATIONS
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
CHEMISTRY
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 834)
EXPLAINS WHAT IS MEANT BY A BALANCED EQUATION AND EXPLAINS HOW STOICHIOMETRIC INFORMATION CAN BE OBTAINED FROM THE EQUATION. METHODS ARE DESCRIBED FOR SOLVING WEIGHT-WEIGHT PROBLEMS. THE CONCEPT OF THE MOLAR VOLUME OF GASES IS INTRODUCED AND APPLIED TO WEIGHT-VOLUME PROBLEMS. THE IMPORTANCE OF CONVERTING GAS VOLUMES TO S.T.P. IS DISCUSSED.

EPAW02120

CHEMICAL EQUILIBRIA MOLECULAR AND IONIC PROBLEMS INVOLVING KEQ AND KI
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
CHEMICAL REACTIONS
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: M T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 881)
FACTORS AFFECTING CHEMICAL REACTION RATES ARE DISCUSSED. THE LAW OF MASS ACTION IS DERIVED TO GIVE AN EXPRESSION FOR THE EQUILIBRIUM CONSTANT OF A REVERSIBLE REACTION. IONIC EQUILIBRIA IN WEAK ACIDS AND BASES IS DISCUSSED AND A SERIES OF PROBLEMS RELATING TO EQUILIBRIUM REACTIONS ARE PRESENTED AND SOLVED.

EPAWC2121
COMMON ION EFFECT PRINCIPLE ION PRODUCT CONSTANT FOR WATER AND INTRODUCTION TO PH
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
PH
CHEMICAL REACTIONS
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: M T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 892)
USES THE BASIC PRINCIPLES OF CHEMICAL EQUILIBRIA DISCUSSED IN PROGRAM 881 "CHEMICAL EQUILIBRIA: MOLECULAR AND IONIC PROBLEMS INVOLVING KEQ. AND KI." TO EXPLAIN THE COMMON ION EFFECT AND THE SELF-IONIZATION OF WATER. THE MATHEMATICAL EXPRESSION FOR Kw IS DERIVED AND THE CONCEPT OF PH IS INTRODUCED. DISCUSSES TECHNIQUES FOR SOLVING RELATED MATHEMATICAL PROBLEMS.

EPAWC2122
PH POH AND BUFFERS
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
PH
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: M T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 893)
DESCRIBES THE CONCEPTS OF PH AND POH AND DISCUSSES METHODS FOR CALCULATING THE PH OF IMPORTANT CLASSES OF SOLUTIONS. "BUFFER ACTION" AND THE PREPARATION OF BUFFER SOLUTIONS ARE EXPLAINED.

EPAWC2123
HYDROLYSIS OF SALTS
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
CHEMICAL REACTIONS
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: T M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 894)
CHEMICAL EQUILIBRIUM THEORY IS USED TO EXPLAIN THE HYDROLYSIS OF DIFFERENT KINDS OF SALT SOLUTIONS. METHODS FOR CALCULATING THE PH OF SALT SOLUTIONS ARE EXPLAINED.

EPAWC2124
POLYPROTIC ACIDS AND SOLUBILITY PRODUCT PRINCIPLE
AUTHOR(S): MITCHELL J P
SOURCE(S): COMM SKILL
SUBJECT AREAS:
CHEMICAL REACTIONS
COST: 40.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: M T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 895)
DISCUSSES THE IONIZATION OF POLYPROTIC ACIDS AND METHODS FOR CALCULATING THE PH OF THE SOLUTIONS. THE SOLUBILITY PRODUCT OF SPARINGLY SOLUBLE SALTS IS EXPLAINED WITH TYPICAL NUMERICAL EXAMPLES.

EPAW0212

TITRATION CURVES AND INDICATORS — DATE: 76-99
AUTHOR(S): MITCHELL J P — TYPE(S): PM FS SL AC — CATEGORIES: M T
SOURCE(S): COMM SKILL — COST: 40.00 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
CHEMICAL REACTIONS
REMARKS AND ABSTRACT:
(NO. 896)
PH CHANGES IN ACID-BASE TITRATIONS ARE DISCUSSED. THE PH CHANGE AT THE END POINT IS EXAMINED FOR DIFFERENT ACIDS AND BASES. THE THEORY OF INDICATORS IS OUTLINED BRIEFLY. FINALLY, THE TITRATION CURVES ARE USED TO EXPLAIN INDICATOR SELECTION.

EPAW0212S

PREPARING PERCENT MOLAR AND NORMAL SOLUTIONS — DATE: 76-99
AUTHOR(S): MITCHELL J P — TYPE(S): PM FS SL AC — CATEGORIES: M T
SOURCE(S): COMM SKILL — COST: 40.00 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
CHEMICAL REACTIONS — ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
(NO. 896)
DEFINES THE TERMS SOLUTION, SOLUTE, AND SOLVENT. METHODS OF EXPRESSING CONCENTRATION, PERCENT SOLUTIONS BY WEIGHT AND VOLUME, PARTS PER MILLION, MOLARITY, AND THE GRAM EQUIVALENT WEIGHT ARE DESCRIBED. THESE TERMS ARE USED IN TYPICAL SOLUTION CALCULATIONS.

EPAW0212T

DILUTION AND TITRATION PROBLEMS — DATE: 76-99
AUTHOR(S): MITCHELL J P — TYPE(S): PM FS SL AC — CATEGORIES: M T
SOURCE(S): COMM SKILL — COST: 40.00 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
CHEMICAL REACTIONS — ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
(NO. 897)
DESCRIBES THE TECHNIQUES AND CALCULATIONS FOR PREPARATION OF DILUTE SOLUTIONS FROM CONCENTRATED SOLUTIONS. THE USE OF EQUIVALENTS CALCULATED FROM SOLUTION CONCENTRATION IS DISCUSSED FOR SOLVING VARIOUS TYPES OF TITRATION PROBLEMS. THE TERMS STANDARD SOLUTION, EQUIVALENT POINT, AND END POINT ARE DEFINED.

EPAWC2128

INSTRUMENTATION BASIC INFRARED SPECTROSCOPY SERIES — DATE: 76-99
AUTHOR(S): COMM SKILL — TYPE(S): PM FS SL AC — CATEGORIES: M
SOURCE(S): COMM SKILL — COST: 80.00 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
SPECTROSCOPY
REMARKS AND ABSTRACT:
(NO. 1001), 45 FRAMES, 26 MIN.
DEVOTED TO THE FUNDAMENTALS OF INSTRUMENT DESIGN AND OPERATION. THEORY AND CONSTRUCTION OF DOUBLE-BEAM OPTICAL NULL SPECTROPHOTOMETERS ARE DISCUSSED IN DETAIL. INSTRUMENT OPERATING CONTROLS AND THEIR EFFECTS ON INSTRUMENT PERFORMANCE ARE ILLUSTRATED WITH TYPICAL SPECTRA. THE INTERACTIONS BETWEEN THESE CONTROLS ARE DEMONSTRATED BY EXAMPLES OF PROPERLY AND IMPROPERLY RECORDED SPECTRA.

EPAWC2129
LIQUID SAMPLING TECHNIQUES
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL COST: 80.00 P
TYPE(S): PM FS SL AC CATEGORIES: M T
LEVEL: 3 COPYRIGHT:
DATE: 76-99
SUBJECT AREAS:
SPECTROSCOPY
REMARKS AND ABSTRACT:
(NO. 1002), 31 FRAMES, 20 MIN.
TECHNIQUES FOR OBTAINING SPECTRA OF LIQUID SAMPLES AS CAPILLARY FILMS AND SOLUTIONS ARE PRESENTED. THE BEER-LAMBERT LAW IS DISCUSSED AND A NUMBER OF SPECTRA ARE SHOWN TO DEMONSTRATE THE EFFECTS OF PATH LENGTH, SAMPLE CONCENTRATION AND SOLVENT COMPOSITION. PROPER TECHNIQUES FOR PERFORMING DIFFERENCE ANALYSES ARE PRESENTED WITH EXAMPLES.

EPAWC2130
LIQUID SAMPLING DEVICES
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL COST: 80.00 P
TYPE(S): PM FS SL AC CATEGORIES: M
LEVEL: 3 COPYRIGHT:
DATE: 76-99
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
(NO. 1003), 33 FRAMES, 20 MIN.
DESCRIBES A VARIETY OF CELLS USED IN LIQUID SAMPLING AND SHOWS HOW EACH TYPE CAN BE USED TO BEST ADVANTAGE. DEMOUNTABLE, SEALED, SEALED-DEMOUNTABLE, AND VARIABLE PATH CELLS ARE DESCRIBED. FILLING AND CLEANING METHODS ARE ILLUSTRATED, AND THE SELECTION OF WINDOW MATERIALS IS DISCUSSED.

EPAWC2131
SOLID SAMPLING PARTS 1 AND 2
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL COST: 100.00 P
TYPE(S): PM FS SL AC CATEGORIES: M
LEVEL: 3 COPYRIGHT:
DATE: 76-99
SUBJECT AREAS:
ANALYTICAL TECHNIQUES DISSOLVED SOLIDS
REMARKS AND ABSTRACT:
(NO. 1004), 53 FRAMES, 29 MIN.
PART I DESCRIBES GRINDING TECHNIQUES AND THE PREPARATION AND EVALUATION OF MULLS. DEALS WITH PROCEDURES, AND MATERIALS EMPLOYED IN THE PREPARATION OF SAMPLES AND THE USE OF THE KBR MIXTURE. PART II DESCRIBES THE USE OF DIES AND OTHER DEVICES, AND ILLUSTRATES PROPERLY AND IMPROPERLY MADE SAMPLE DISCS. THE PREPARATION OF CAST-FILM SAMPLES IS TREATED, AND THE USE OF DEMOUNTABLE CELLS TO OBTAIN SPECTRA IS DEMONSTRATED. THE ADVANTAGES AND DISADVANTAGES OF SOLID SAMPLING ARE REVIEWED AND DISCUSSED.

EPAWC2132
QUANTITATIVE ANALYSIS PART I BEER LAMBERT LAW
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL COST: 80.00 P
TYPE(S): PM FS SL AC CATEGORIES: M T
LEVEL: 3 COPYRIGHT:
DATE: 76-99
SUBJECT AREAS:
ANALYTICAL TECHNIQUES INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
(NO. 1005), 31 FRAMES, 20 MIN.
THE BEER-LAMBERT LAW IS REVIEWED AND APPLIED TO THE METHODS OF QUANTITATIVE ANALYSIS. CHEMICAL AND PHYSICAL INTERACTIONS AS WELL AS TWO IMPORTANT VARIABLES, CONCENTRATION AND PATH LENGTH ARE DISCUSSED. METHODS FOR DETERMINING THE INTENSITY OF INCIDENT LIGHT, AND THE INTENSITY OF TRANSMITTED LIGHT, ARE ILLUSTRATED. POSSIBLE SOURCES OF ERROR ARE DISCUSSED. INSTRUMENTAL LIMITATIONS AFFECTING ACCURACY AND PRECISION ARE EXPLAINED, AND A TYPICAL ANALYSIS IS EXAMINED.

EPAW02133 DATE: 76-99
QUANTITATIVE ANALYSIS PART II PERFORMING THE ANALYSIS
AUTHOR(S): COMM SKILL
SOURCE(S): COMM SKILL
COST: 80.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: M
COPYRIGHT:
SUBJECT AREAS:
ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
(NO. 1006), 35 FRAMES, 20 MIN.
THE "CELL IN, CELL OUT" AND BASELINE COMPENSATION TECHNIQUES ARE DISCUSSED. INSTRUMENT OPERATING VARIABLES ARE COMPARED AND THE VALUE OF PROPER CALIBRATION IS EMPHASIZED. SAMPLING TECHNIQUES ARE DISCUSSED. PROBLEMS ARE ILLUSTRATED AND CELL PATH LENGTH CALCULATIONS ARE DEMONSTRATED. SINGLE AND MULTI-COMPONENT ANALYSES ARE CONSIDERED.

EPAWC2134 DATE: 76-99
BASIC RELATIONSHIPS AND INSTRUMENTATION BASIC GAS CHROMATOGRAPHY
AUTHOR(S): MCNAIR H M
JUVET R S
SOURCE(S): COMM SKILL
COST: 90.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: M T
COPYRIGHT:
SUBJECT AREAS:
CHROMATOGRAPHY
REMARKS AND ABSTRACT:
(NO. 2001), AUTHOR: S. P. CRAM; 43 FRAMES, 23 MIN.
INTRODUCES THE STUDENT TO THE MANY USES AND ADVANTAGES OF GAS CHROMATOGRAPHY. BASIC TERMS AND RELATIONSHIPS ARE ESTABLISHED. FUNDAMENTALS ARE TAUGHT WITH SIMPLE EXAMPLES. INSTRUMENT REQUIREMENTS ARE CAREFULLY CONSIDERED. A VARIETY OF APPLICATIONS ARE ILLUSTRATED WITH CHROMATOGRAMS.

EPAW02135 DATE: 76-99
COLUMN ITS MAKE UP AND USE
AUTHOR(S): MCNAIR H M
JUVET R S
SOURCE(S): COMM SKILL
COST: 105.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: M T
COPYRIGHT:
SUBJECT AREAS:
CHROMATOGRAPHY
REMARKS AND ABSTRACT:
(NO. 2002), AUTHOR: S. P. CRAM; 48 FRAMES, 26 MIN.
THE PROPER CHOICE OF THE GAS CHROMATOGRAPHIC COLUMN IS THE SUBJECT OF THIS PROGRAM. IT CLEARLY DESCRIBES HOW THE COLUMN WORKS, OUTLINES CRITERIA FOR SELECTING THE PROPER COLUMN TYPE, LIQUID PHASE, AND SUPPORT, AND DEMONSTRATES WITH A SERIES OF CHROMATOGRAMS THE RELATIONSHIPS BETWEEN THE CHEMICAL NATURE OF THE SAMPLE AND THE COLUMN PACKING MATERIALS.

EPAW02136 DATE: 76-99
DETECTORS DESIGN AND USE
AUTHOR(S): MCNAIR H M
JUVET R S
SOURCE(S): COMM SKILL
COST: 95.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: M
COPYRIGHT:
SUBJECT AREAS:
CHROMATOGRAPHY
REMARKS AND ABSTRACT:
(NO. 2003); AUTHOR: S. P. CRAM; 49 FRAMES, 29 MIN.
DEALS WITH SYSTEMS TO MEASURE AND DETECT THE PASSAGE OF SAMPLE COMPONENTS. IT DESCRIBES IN DETAIL THREE BASIC DETECTORS, THERMAL CONDUCTIVITY, FLAME IONIZATION, AND ELECTRON CAPTURE COMPARING THEIR PERFORMANCE WITH CHROMATOGRAMS. SEVERAL SPECIALIZED DETECTOR SYSTEMS ARE DISCUSSED. A DETAILED SUMMARY GIVES THE STUDENT SIMPLE GUIDELINES FOR MAKING THE CORRECT CHOICE FOR HIS ANALYSIS.

EPAWC2137

SAMPLE PREPARATION DERIVATIVES AND SAMPLING TECHNIQUE
AUTHOR(S): MCNAIR H M — JUVET R S
SOURCE(S): COMM SKILL — COST: 90.00 P
SUBJECT AREAS: CHROMATOGRAPHY — SAMPLING
TYPE(S): PM FS SL AC — LEVEL: 3 — CATEGORIES: M — COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT: — ANALYTICAL TECHNIQUES
(NO. 2004); AUTHOR: S.P. CRAM; 42 FRAMES, 29 MIN.
SAMPLE PREPARATION TECHNIQUES AND THE MAKING OF DERIVATIVES ARE ILLUSTRATED AND EXPLAINED. STANDARD LIQUID, SOLID, AND GAS SAMPLING PROCEDURES ARE CLEARLY DISCUSSED AND SOME LITTLE-KNOWN METHODS FOR HANDLING DIFFICULT SAMPLES ARE DESCRIBED.

EPAWC2138

COLUMN TEMPERATURE PROGRAMMING
AUTHOR(S): MCNAIR H M — JUVET R S
SOURCE(S): COMM SKILL — COST: 95.00 P
SUBJECT AREAS: CHROMATOGRAPHY — TEMPERATURE
TYPE(S): PM FS SL AC — LEVEL: 3 — CATEGORIES: M — COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT: — ANALYTICAL TECHNIQUES
(NO. 2005); AUTHOR: S.P. CRAM; 37 FRAMES, 21 MIN.
AN UNDERSTANDING OF THE EFFECT OF TEMPERATURE ON SAMPLES AND ON LIQUID PHASES IS ESSENTIAL IN ORDER TO OBTAIN MEANINGFUL RESULTS. ANALYSES PERFORMED ISOTHERMALLY AND WITH TEMPERATURE PROGRAMMING ARE COMPARED. THE EFFECTS OF COLUMN BLEED ARE ILLUSTRATED AND THE ADVANTAGES OF DUAL COLUMN CHROMATOGRAPHY ARE SHOWN. COMPARATIVE CHROMATOGRAMS ARE USED THROUGHOUT TO ILLUSTRATE KEY POINTS.

EPAWC2139

QUALITATIVE AND QUANTITATIVE ANALYSIS
AUTHOR(S): MCNAIR H M — JUVET R S
SOURCE(S): COMM SKILL — COST: 90.00 P
SUBJECT AREAS: CHROMATOGRAPHY — DATA EVALUATION
TYPE(S): PM FS SL AC — LEVEL: 3 — CATEGORIES: M — COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(NO. 2006); AUTHOR: S.P. CRAM; 45 FRAMES; 29 MIN.
EVERY CHROMATOGRAPHER IS FACED WITH THE PROBLEM OF TRANSLATING HIS RAW CHROMATOGRAPHIC DATA INTO QUANTITATIVE RESULTS. TECHNIQUES FOR MEASURING AND CALCULATING DATA FROM SIMPLE AND COMPLEX CHROMATOGRAMS ARE PRESENTED. ELECTRONIC METHODS OF DATA REDUCTION, INCLUDING INTEGRATORS AND COMPUTER, ARE REVIEWED AND COMPARED.

EPAWC2140

NEW SOURCES OF WATER
AUTHOR(S): RUHLE J L
SOURCE(S): RUHLE — COST: 50.00 P
SUBJECT AREAS: WATER RESOURCES; WATER REUSE — ENVIRONMENTAL EFFECTS — DESALINATION — BIOLOGICAL TREATMENT
TYPE(S): SL PM — LEVEL: 3 — CATEGORIES: P — COPYRIGHT: C
DATE: 76-99
REMARKS AND ABSTRACT:
50 SLIDES, NARRATION.
INCLUDES EXAMPLES OF WATER POLLUTION AND ITS ENVIRONMENTAL IMPACT; INCLUDING DISEASED FISH CAUSED BY DDT CONTAMINATION. INCLUDES EXAMPLES OF ARTIFICIAL RECHARGING OF GROUNDWATER; DESALTING PLANTS; THE USE OF SEWAGE WASTEWATER IN CALIFORNIA FOR IRRIGATION PURPOSES; A REVERSE OSMOSIS UNIT; AN EXPERIMENT WHERE WATER HYACINTH AND ALLIGATOR WEED ARE USED TO CLARIFY SEWAGE WASTEWATER; WATER CONSERVATION IN CLOSED CYCLE GREENHOUSE AGRICULTURE; WATER CONSERVATION BY MEANS OF AN ASPHALT PERMEABILITY BARRIER PLACED IN THE SOIL; CLOUD SEEDING; AND A PROPOSAL TO HAUL ICEBERGS FROM ANTARCTIC.

EPAW02141

DERIVATIVES FOR GAS CHROMATOGRAPHY — DATE: 76-99

AUTHOR(S): MCNAIR H M — COBBS C R — TYPE(S): PM FS SL AC — CATEGORIES: M

SOURCE(S): COMM SKILL — COST: 105.00 P — LEVEL: 3 — COPYRIGHT:

SUBJECT AREAS:

CHROMATOGRAPHY

REMARKS AND ABSTRACT:

(NO. 2007); 47 FRAMES; 32 MIN.

INTRODUCES THE TECHNIQUE OF DERIVATIVE FORMATION TO IMPROVE THE VOLATILITY OF AMINO ACIDS, AND FATTY ACIDS SO THAT THEY CAN BE ANALYZED BY GAS CHROMATOGRAPHY. SPECIFIC REACTIONS ARE USED TO ILLUSTRATE VARIOUS PROCEDURES. GUIDELINES ARE PROVIDED TO HELP THE CHROMATOGRAPHER SELECT THE BEST COMBINATION OF COLUMN TYPE, LIQUID PHASE AND ANALYTICAL CONDITIONS.

EPAW02142

CHROMATOGRAPHIC SCREENING OF DRUGS — DATE: 76-99

AUTHOR(S): MCNAIR H M — STAFFORD D T — TYPE(S): PM FS SL AC — CATEGORIES: M

SOURCE(S): COMM SKILL — COST: 105.00 P — LEVEL: 3 — COPYRIGHT:

SUBJECT AREAS:

CHROMATOGRAPHY

REMARKS AND ABSTRACT:

(NO. 2008), 46 FRAMES, 34 MIN.

DEFINES MAJOR DRUG CATEGORIES AND DESCRIBES TWO TECHNIQUES IN COMMON USE FOR PREPARING THE SAMPLE FOR ANALYSIS - SOLVENT EXTRACTION AND COLUMN CHROMATOGRAPHY. THE EFFECTS OF PH ON EFFICIENCY IS CONSIDERED. A THIN LAYER CHROMATOGRAPHIC ANALYSIS IS ILLUSTRATED FOR A TYPICAL SAMPLE. THE USE OF GAS CHROMATOGRAPHY IS ALSO TREATED WITH CHROMATOGRAMS SHOWING ACTUAL LABORATORY SAMPLES.

EPAW02143

PRINCIPLES OF ATOMIC ABSORPTION — DATE: 76-99

AUTHOR(S): ROBINSON J W — TYPE(S): [illegible] FS SL AC — CATEGORIES: M

SOURCE(S): COMM SKILL — COST: 75.00 P — LEVEL: [illegible] — COPYRIGHT:

SUBJECT AREAS:

ATOMIC ABSORPTION

REMARKS AND ABSTRACT:

(NO. 3001); 37 FRAMES; 19 MIN.

SHOWS HOW THE QUANTITATIVE ANALYSIS OF METAL ATOMS IS ACCOMPLISHED WITH THE ATOMIC ABSORPTION TECHNIQUE. MECHANISMS DESCRIBING THE ABSORPTION OF RADIANT ENERGY BY THE ATOM POPULATION IN THE ATOMIZER ARE PRESENTED. THE PRINCIPLES OF ATOM FORMATION, ABSORPTION OF SPECIFIC WAVELENGTHS OF RADIANT ENERGY, AND THE HOLLOW-CATHODE LAMP ARE DESCRIBED. THE RELATIONSHIP BETWEEN THE ABSORPTION PROCESS AND THE BEER-LAMBERT LAW ARE ILLUSTRATED. CONCLUDES WITH A DISCUSSION OF A WIDE RANGE OF APPLICATIONS.

EPAW02144

INSTRUMENTAL REQUIREMENTS BASIC ATOMIC ABSORPTION SPECTROSCOPY SERIES — DATE: 76-99

AUTHOR(S): ROBINSON J W — TYPE(S): PM SL FS AC — CATEGORIES: M

SOURCE(S): COMM SKILL — COST: 100.00 P — LEVEL: 3 — COPYRIGHT:

SUBJECT AREAS:

ATOMIC ABSORPTION — SPECTROSCOPY

REMARKS AND ABSTRACT:

(NO. 3002); 47 FRAMES; 26 MIN.

DESCRIBES IN STEPWISE DETAIL THE INSTRUMENTATION REQUIRED FOR ATOMIC ABSORPTION ANALYSIS. THE HOLLOW CATHODE LAMP, THE ATOMIZER, THE MONOCHROMATOR, THE DETECTOR, AND A VARIETY OF READOUT SYSTEMS ARE CAREFULLY CONSIDERED. THE IMPORTANCE OF UNDERSTANDING BOTH INSTRUMENT DESIGN AND FUNCTION IS STRESSED.

EPAWC2145
OPTIMIZING INSTRUMENT CONDITIONS BASIC ATOMIC ABSORPTION SPECTROSCOPY SERIES DATE: 76-99
AUTHOR(S): ROBINSON J W TYPE(S): PM FS SL AC CATEGORIES: M
SOURCE(S): COMM SKILL COST: 95.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ATOMIC ABSORPTION SPECTROSCOPY
REMARKS AND ABSTRACT:
(NO. 3003); 37 FRAMES; 22 MIN.
DETAILED DISCUSSIONS ON HOLLOW CATHODE LAMP ALIGNMENT, OPERATING CURRENT, AND RESONANCE LINE SECTION. BURNER GAS SELECTION, ALIGNMENT, AND SAMPLE ASPIRATION RATE ARE CAREFULLY CONSIDERED. THE PROPER ADJUSTMENT OF THE MONOCHROMATOR, DETECTOR AMPLIFIER, AND A VARIETY OF READOUT DEVICES ARE GIVEN FOR SEVERAL ANALYTICAL CONDITIONS.

EPAWC2146
SAMPLE PREPARATION AND SPECIAL SAMPLING TECHNIQUES DATE: 76-99
AUTHOR(S): ROBINSON J W TYPE(S): PM FS SL AC CATEGORIES: M
SOURCE(S): COMM SKILL COST: 105.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ATOMIC ABSORPTION SAMPLING
REMARKS AND ABSTRACT:
(NO. 3004); 57 FRAMES; 39 MIN.
GOOD SAMPLING TECHNIQUES CAN PROVIDE ACCURATE ANALYTICAL RESULTS. METHODS TO ELIMINATE CHEMICAL INTERFERENCES ARE SHOWN. MATRIX INTERFERENCES ARE HANDLED BY THE METHOD OF STANDARD ADDITIONS TECHNIQUE. THE USE OF CHELATING AGENTS AND ORGANIC SOLVENTS TO CONCENTRATE AND INCREASE SENSITIVITY FOR MANY ELEMENTS IS DISCUSSED. CALIBRATION AND CALCULATION METHODS ARE DESCRIBED.

EPAWC2147
BASIC LIQUID CHROMATOGRAPHY SERIES INTRODUCTION BASIC RELATIONSHIPS THEORY AND INSTRUMENTATION DATE: 76-99
AUTHOR(S): BOMBAUGH K J TYPE(S): PM FS SL AC CATEGORIES: M T
SOURCE(S): COMM SKILL COST: 95.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ANALYTICAL TECHNIQUES CHROMATOGRAPHY
REMARKS AND ABSTRACT:
(NO. 4001); 54 FRAMES; 34 MIN.
DESCRIBES AND CATEGORIZES SEVERAL FORMS OF LIQUID CHROMATOGRAPHY IN TERMS OF THE COMPOSITION OF THE MOVING AND STATIONARY PHASES, AND THE MECHANISM OF RETARDATION. ADSORPTION AND ABSORPTION PROCESSES ARE CLEARLY DISCUSSED. CHROMATOGRAMS ARE USED TO DIFFERENTIATE BETWEEN THE DIFFERENT TECHNIQUES. THE EMPHASIS IS ON CLEARLY UNDERSTANDING MECHANISMS. CONCLUDES WITH AN INTRODUCTION TO MODERN HIGH PERFORMANCE LIQUID CHROMATOGRAPHS.

EPAWC2148
BASIC LIQUID CHROMATOGRAPHY SERIES THE COLUMN COMPOSITION AND SELECTION DATE: 76-99
AUTHOR(S): BOMBAUGH K J TYPE(S): PM FS SL AC CATEGORIES: M T
SOURCE(S): COMM SKILL COST: 55.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
CHROMATOGRAPHY
REMARKS AND ABSTRACT:
(NO. 4002); 26 FRAMES; 16 MIN.
DISCUSSES SEPARATION MODES, DIRECT AND REVERSE PHASE TECHNIQUES, COLUMN DESIGN PARAMETERS AND THE DETAILS OF PACKINGS AND SUPPORTS. THE USE OF ION EXCHANGE RESINS IS DISCUSSED AND GUIDELINES ARE GIVEN FOR THE PROPER SELECTION OF A SEPARATION MODE.

EPAWC2163

BASIC LIQUID CHROMATOGRAPHY SERIES THE COLUMN OPTIMIZING PERFORMANCE
AUTHOR(S): BOMBAUGH K J
SOURCE(S): COMM SKILL
COST: 55.00 P
TYPE(S): PM FS SL AC
LEVEL: 3
CATEGORIES: M T
COPYRIGHT:
DATE: 75-09
SUBJECT AREAS:
CHROMATOGRAPHY
REMARKS AND ABSTRACT:
(NO. 4003)
CONSIDERS SEVERAL IMPORTANT TECHNIQUES FOR OPTIMIZING THE PERFORMANCE OF THE LIQUID CHROMATOGRAPHIC COLUMN. FOUR PARAMETERS AFFECTING COLUMN PERFORMANCE ARE DISCUSSED IN DETAIL: SELECTIVITY, EFFICIENCY, CAPACITY, AND PERMEABILITY.

EPAWC2165

RESOURCE MATERIALS FOR ENVIRONMENTAL MANAGEMENT AND EDUCATION
AUTHOR(S): PERKOWSKI J C MARTIN W E
SOURCE(S): MIT PRESS
COST: 8.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P
COPYRIGHT:
DATE: 76-00
SUBJECT AREAS:
ENVIRONMENTAL CONTROL CURRICULUM DEVELOPMENT INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
259PP.; AUTHORS: SIU KEE SO AND F. A. CURTIS.
IDENTIFIES, CLASSIFIES, AND PROVIDES RESOURCE REFERENCES FOR COURSES IN ENVIRONMENTAL MANAGEMENT. REVEALS A BROAD SPECTRUM OF CONTRIBUTIONS BY PROFESSIONALS EXPERIENCED IN FIELDS RANGING FROM ECOLOGY TO LAW. THE COURSE OUTLINES AND BIBLIOGRAPHIES WILL AID IN THE DEVELOPMENT OF A GENERAL CURRICULUM, OR IN THE FORMATION OF A COURSE AROUND ONE OF THE SUBJECT AREAS.

EPAWC2168

GUIDE TO THE PREPARATION AND REVIEW OF ENVIRONMENTAL IMPACT REPORTS
AUTHOR(S): WARDEN R F DAGODAG W T
SOURCE(S): SECURITY
COST: 0.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L P
COPYRIGHT:
DATE: 75-01
SUBJECT AREAS:
ENVIRONMENTAL IMPACT STMTS LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
A GUIDE TO PREPARING AND REVIEWING ENVIRONMENTAL REPORTS AND STATEMENTS THAT INCLUDES BACKGROUND ON ENVIRONMENTAL LEGISLATION AND A STEP-BY-STEP PROCEDURE TO FOLLOW.

EPAWC2169

CHEMISTRY AND MICROBIOLOGY OF POLLUTION
AUTHOR(S): HIGGINS I J BURNS R G
SOURCE(S): ACADEMIC
COST: 17.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-12
SUBJECT AREAS:
MICROBIOLOGY CHEMISTRY POLLUTANTS AGROCHEMICALS
INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
248PP.
OPENS WITH AN OUTLINE OF THE SCOPE OF POLLUTION PROBLEMS, AND THE FOLLOWING CHAPTERS GIVE DETAILED COVERAGE OF PESTICIDES, SEWAGE AND FERTILIZERS, HYDROCARBONS, SURFACTANTS, SYNTHETIC POLYMERS AND TOXIC METALS. DIRECTED TOWARDS UNDERGRADUATES AND POSTGRADUATES STUDYING ENVIRONMENTAL BIOLOGY, BUT SCIENTISTS OF THE MANY ALLIED DISCIPLINES WILL FIND IT A USEFUL SOURCE OF REFERENCE, COVERING AS IT DOES ALL THE MAJOR CHEMICAL AND MICROBIOLOGICAL ASPECTS OF POLLUTION IN A SINGLE VOLUME.

EPAW02170
SOURCES OF INFORMATION IN WATER RESOURCES — DATE: 76-00
AUTHOR(S): GIEFER G J — TYPE(S): PM — CATEGORIES: P
SOURCE(S): WIC — COST: 23.50 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES — WATER RESOURCES — MANUALS
REMARKS AND ABSTRACT:
290PP.
DESIGNED TO SAVE TIME IN LOCATING REFERENCE MTERIALS ON ANY TOPIC RELATED TO WATER RESOURCES. OVER 1100 SOURCES OF INFORMATION FOUND TO BE USEFUL FOR REFERENCE PURPOSES IN THE WATER RESOURCES FIELD ARE CITED AND ANNOTATED. THESE ARE ARRANGED UNDER 62 SUBJECT SUBDIVISIONS AND INCLUDE THE FOLLOWING TYPES OF PUBLICATIONS: GUIDES AND MANUALS, BIBLIOGRAPHIES, INDEXES AND ABSTRACT JOURNALS, ENCYCLOPEDIAS, DICTIONARIES, GLOSSARIES, PUBLICATION LISTS, HANDBOOKS, ANNUALS AND DIRECTORIES, AND DATA COMPILATIONS.

EPAW02171
VIRUSES IN WASTE RENOVATED AND OTHER WATERS — DATE: 75-06
AUTHOR(S): EPA — BERG G — TYPE(S): PM — CATEGORIES: T
SOURCE(S): EPA R — COST: 0.00 P — LEVEL: 3 — COPYRIGHT: C
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES — VIRUS
REMARKS AND ABSTRACT:
(EPA-670/9-75-007) 37PP.
COMPRISES THE ABSTRACTS OF THE PUBLISHED PAPERS AND BOOKS ON VIRUSES IN WASTE, RENOVATED, AND OTHER WATERS FOR 1974.

EPAW02172
CORROSION IN NATURAL ENVIRONMENTS — DATE: 74-00
AUTHOR(S): ASTM — TYPE(S): PM — CATEGORIES: T
SOURCE(S): ASTM — COST: 29.75 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
CORROSION — STATISTICAL ANALYSIS
REMARKS AND ABSTRACT:
(STP 558) (PUBL. CODE NO. 04-558000-27), 352PP.
CONTAINS 19 PAPERS DEALING WITH ATMOSPHERIC CORROSION, METAL CORROSION IN SEAWATER, AND STATISTICAL PLANNING AND ANALYSIS OF CORROSION EXPERIMENTS.

EPAW02173
SIZING WATER SERVICE LINES AND METERS — DATE: 75-00
AUTHOR(S): AWWA — TYPE(S): PM — CATEGORIES: D
SOURCE(S): AWWA — COST: 4.00 P — LEVEL: 3 — COPYRIGHT:
SUBJECT AREAS:
DISTRIBUTION SYSTEMS — WATER RATES — PIPES — SURVEYS
REMARKS AND ABSTRACT:
M22 (NO. 30022), 112PP.
BASED ON DATA TAKEN FROM FIELD EXPERIMENTS, UTILITY SURVEYS, TECHNICAL PUBLICATIONS, AND HYDRAULIC DESIGN METHODS. EXPLAINS CUSTOMER DEMAND, HOW TO DETERMINE MAXIMUM FLOWS, AND THE DESIGN OF SERVICE FROM THE MAIN TO THE METER OUTLET.

EPAW02174
EMERGENCY HANDBOOK :HAZARDOUS MATERIALS SPILLS
DATE: 76-99
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 5.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P
COPYRIGHT:
SUBJECT AREAS:
HAZARDOUS POLLUTANTS
SPILLS (CHEMICAL)
EMERGENCY OPERATIONS (WASTE)
REMARKS AND ABSTRACT:
(NO. 20102), 52PP.
CONTAINS INTRODUCTIONS AND SELF-SURVEYS.

EPAW02175
REUSE
DATE: 75-06
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 2.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P
COPYRIGHT:
SUBJECT AREAS:
WATER REUSE
REMARKS AND ABSTRACT:
(NO. 20109), 40PP.
AN ASSEMBLAGE OF FIVE DATA-FILLED REPORTS AS PRESENTED AT AN AWWA SEMINAR ON JUNE 8, 1975.

EPAW02176
TASTE AND ODOR
DATE: 75-06
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 2.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: D T
COPYRIGHT:
SUBJECT AREAS:
TASTE AND ODOR
REMARKS AND ABSTRACT:
(NO. 20111), 32PP.
A COMPILATION OF FOUR PRESENTATIONS OF AN AWWA SEMINAR ON JUNE 8, 1975.

EPAWC2177
IS WATER SAFE
DATE:
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
SUBJECT AREAS:
WATER QUALITY
LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
(NO. 70002), 4PP.
AN ENVELOPE STUFFER THAT ANSWERS PERTINENT QUESTIONS WITH REGARD TO THE SAFE DRINKING WATER ACT.

EPAW02178
WATER CONSERVATION AT HOME
DATE: 76-99
AUTHOR(S): AWWA
SOURCE(S): AWWA
COST: 0.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
SUBJECT AREAS:
WATER SUPPLY
PUBLIC PARTICIPATION
WATER METERS
CONSERVATION
REMARKS AND ABSTRACT:
(NO. 70006), 14PP.
EXPLAINS WHY, WHERE, AND HOW THE CONSUMER CAN AVOID WASTING WATER. A SIMPLE ILLUSTRATRION ON HOW TO READ AND INTERPRET ONE'S OWN WATER METER IS INCLUDED.

EPAW02179 DATE: 76-CO
TAILGATE TALKS
AUTHOR(S): AWWA TYPE(S): PM CATEGORIES: S
SOURCE(S): AWWA COST: 3.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
(NO. 60004 TT76), MAILED IN TWO 26-WEEK SETS (JAN - JUNE; JULY - DEC).
A SERIES OF 52 LECTURES ON COMMON WATER-UTILITY SAFETY PRACTICES.

EPAW02181 DATE: 70-00
CARING FOR THE WORLD
AUTHOR(S):
SOURCE(S): AIT COST: 180.00 P TYPE(S): MP VC CATEGORIES: E
LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
ECOSYSTEMS ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
(CAT. NO. 01106), 15 MIN. FILM; VIDEOCASSETTE COST: $125.00.
LIVING THINGS THAT COVER THE EARTH--PLANTS, ANIMALS, AND PEOPLE--SHARE IN THE BALANCE OF NATURE. IT IS SHOWN THAT MAN HAS UPSET THE BALANCE OF NATURE BY USING LAND AND TREES WITHOUT REPLACING THEM AND BY BUILDING FACTORIES AND ENGINES WHICH POLLUTE THE AIR AND WATER. IF EVERYONE BEGINS CARING FOR THE EARTH IT WILL BE POSSIBLE FOR THE PLANET'S NATURAL BALANCE TO BE MAINTAINED.

EPAW02182 DATE: 73-CO
POLLUTION
AUTHOR(S):
SOURCE(S): AIT COST: 125.00 P TYPE(S): VC CATEGORIES: E
LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
(CAT. NO. 11005); 15 MIN. CASSETTE.
CONSIDERS THE RELATIONSHIP BETWEEN POPULATION AND ENVIRONMENTAL DETERIORATION AND INCLUDES A HUMOROUS SILENT MOVIE ON "THE THROWAWAY SOCIETY". PAUL EHRLICH AND BARRY COMMONER PRESENT THEIR VIEWS ON THE CAUSES OF POLLUTION IN AMERICA.

EPAW02184 DATE: 76-00
WITHIN OUR REACH
AUTHOR(S): EPA TYPE(S): MP CATEGORIES: E P
SOURCE(S): MTP2 COST: 0.00 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
PLANT CONSTRUCTION NEW JERSEY COSTS WASTEWATER TREATMENT PLANTS
CASE STUDIES
REMARKS AND ABSTRACT:
17 MIN. FILM
DESCRIBES HOW LOCAL MUNICIPALITIES PARTICIPATE IN AND BENEFIT FROM THE WASTEWATER TREATMENT PLANT CONSTRUCTION GRANTS PROGRAM. CONSISTS OF A CASE HISTORY OF THE CONSTRUCTION OF A TREATMENT FACILITY AND COLLECTION SYSTEM IN PARSIPPANY-TROY HILLS, NJ.

EPAW02185 DATE: 73-00

YOU BELONG
AUTHOR(S):
SOURCE(S): AIT COST: 125.00 P TYPE(S): VC LEVEL: 1 CATEGORIES: E COPYRIGHT:
SUBJECT AREAS:
ECOSYSTEMS
REMARKS AND ABSTRACT:
(CAT. NO. 03504); 15 MIN. CASSETTE.
EXPLORES THE VITAL CONNECTIONS BETWEEN HUMAN BEINGS AND THEIR SURROUNDINGS. THIS PROGRAM HELPS ONE RECOGNIZE HIS RESPONSIBILITY FOR THE ENVIRONMENT AND LEADS ONE TO RECOGNIZE THE INTERDEPENDENCE OF ALL NATURAL THINGS.

EPAWC2228 DATE: 75-00

RADIATION FOR A CLEAN ENVIRONMENT
AUTHOR(S): UNIPUB
SOURCE(S): UNIPUB COST: 41.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: T P COPYRIGHT:
SUBJECT AREAS:
RADIOACTIVITY WASTEWATER TREATMENT MICROBIOLOGY WATER REUSE
DISINFECTION
REMARKS AND ABSTRACT:
672PP.
THE USE OF IONIZING RADIATION HAS LONG BEEN ENVISAGED AS A MEANS OF TREATING MUNICIPAL AND INDUSTRIAL WASTES. THIS PUBLICATION EXAMINES THE TECHNOLOGICAL, ECONOMIC, AND ENVIRONMENTAL ASPECTS OF RADIATION WASTE TREATMENT. COVERS THE FOLLOWING SUBJECTS: CURRENT TECHNOLOGY OF WASTEWATER TREATMENT AND REUSE; RADIO-SENSITIVITY OF MICRO-ORGANISMS; DISINFECTION AND MICROBIOLOGICAL CONTROL; PHYSICAL AND CHEMICAL MODIFICATION OF AQUEOUS POLLUTANTS; TECHNOLOGICAL AND ECONOMIC ASPECTS; PILOT PLANT DESIGN AND OPERATING EXPERIENCE.

EPAWC2237 DATE: 76-99

LYONS ENCYCLOPEDIA OF VALVES
AUTHOR(S): LYONS J L ASKLAND C
SOURCE(S): VAN NOSTRA COST: 17.95 P TYPE(S): PM LEVEL: 3 CATEGORIES: D O COPYRIGHT:
SUBJECT AREAS:
VALVES MANUALS
REMARKS AND ABSTRACT:
290PP.
PROVIDES INFORMATION ESSENTIAL TO PROPER DESIGN, MANUFACTURE, SELECTION, PURCHASE, INSTALLATION, USE, MAINTENANCE, AND SIZING OF VALVES AND RELATED FLUID CONTROL DEVICES. THIS INFORMATION IS BACKED UP WITH OVER 100 PHOTOGRAPHS OF VALVES AND COMPONENTS SUPPLIED BY MANY OF THE COUNTRY'S MAJOR MANUFACTURERS.

EPAW02239 DATE: 75-11

EFFLUENT CONTROL REQUIREMENTS FOR THE METAL FINISHING INDUSTRY
AUTHOR(S): HIGGINS P M BUFFA L
SOURCE(S): CAN AUDIO COST: 7.50 P TYPE(S): AC LEVEL: 3 CATEGORIES: L COPYRIGHT:
SUBJECT AREAS:
HEAVY METALS INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
(TTS 1-2)
INTRODUCTORY REMARKS AND EFFLUENT CONTROL REQUIREMENTS FOR THE METAL FINISHING INDUSTRY RECORDED LIVE AT THE TECHNOLOGY TRANSFER SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY, HELD IN TORONTO, CANADA.

EPAW02240
EFFECTIVENESS OF MUNICIPAL TREATMENT PLANTS
AUTHOR(S): ABBOTT R A
SOURCE(S): CAN AUDIO
SUBJECT AREAS:
HEAVY METALS
REMARKS AND ABSTRACT:
(TTS 3)
COST: 7.50 P
TYPE(S): AC
LEVEL: 3
CATEGORIES: D O
COPYRIGHT:
DATE: 75-11
RESOURCE RECOVERY
INDUSTRIAL WASTES
RECORDED LIVE AT THE TECHNOLOGY TRANSFER SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY HELD IN TORONTO, CANADA.

EPAW02241
RECOVERY AND REUSE OF METALS AND CHEMICALS FROM METAL FINISHING WASTE
AUTHOR(S): MATTOCK G
SOURCE(S): CAN AUDIO
SUBJECT AREAS:
HEAVY METALS
REMARKS AND ABSTRACT:
(TTS 4)
COST: 7.50 P
TYPE(S): AC
LEVEL: 3
CATEGORIES: D O
COPYRIGHT:
DATE: 75-11
RESOURCE RECOVERY
RECORDED LIVE AT THE TECHNOLOGY SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY HELD IN TORONTO, CANADA.

EPAW02242
METAL FINISHING INDUSTRY SEMINAR PANEL DISCUSSION PART 1
AUTHOR(S): ABBOTT R A
BUFFA L
SOURCE(S): CAN AUDIO
SUBJECT AREAS:
HEAVY METALS
REMARKS AND ABSTRACT:
(TTS 5), AUTHOR: G. MATTOCK.
COST: 7.50 P
TYPE(S): AC
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-11
RECORDED LIVE AT THE TECHNOLOGY TRANSFER SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY HELD IN TORONTO, CANADA.

EPAW02243
METAL FINISHING INDUSTRY SEMINAR PANEL DISCUSSION PART 2
AUTHOR(S): ABBOTT R A
BUFFA L
SOURCE(S): CAN AUDIO
SUBJECT AREAS:
HEAVY METALS
REMARKS AND ABSTRACT:
(TTS 5A), AUTHOR: G. MATTOCK.
COST: 7.50 P
TYPE(S): AC
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-11
RECORDED LIVE AT THE TECHNOLOGY TRANSFER SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY HELD IN TORONTO, CANADA.

EPAW02244
GEOGRAPHICAL DISTRIBUTION OF METAL FINISHING PLANTS IN CANADA DATE: 75-11
AUTHOR(S): COULTER K R TYPE(S): AC CATEGORIES: T
SOURCE(S): CAN AUDIC COST: 7.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
HEAVY METALS INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
(TTS 6)
RECORDED LIVE AT THE TECHNOLOGY SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY HELD IN TORONTO, CANADA.

EPAW02245
CENTRALIZED TREATMENT FACILITIES TEN YEARS OF EXPERIENCE IN THE RUHR VALLEY PART 1 DATE: 75-11
AUTHOR(S): ROESLER R TYPE(S): AC CATEGORIES: P
SOURCE(S): CAN AUDIC COST: 7.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
HEAVY METALS GERMANY WASTEWATER TREATMENT PLANTS
REMARKS AND ABSTRACT:
(TTS 7)
RECORDED LIVE AT THE TECHNOLOGY TRANSFER SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY HELD IN TORONTO, CANADA.

EPAW02246
CENTRALIZED TREATMENT FACILITIES TEN YEARS OF EXPERIENCE IN THE RUHR VALLEY PART 2 DATE: 75-11
AUTHOR(S): ROESLER R TYPE(S): AC CATEGORIES: P
SOURCE(S): CAN AUDIO COST: 7.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
HEAVY METALS GERMANY WASTEWATER TREATMENT PLANTS
REMARKS AND ABSTRACT:
(TTS 7A)
RECORDED LIVE AT THE TECHNOLOGY TRANSFER SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY HELD IN TORONTO, CANADA.

EPAW02247
METAL FINISHING INDUSTRY SEMINAR PANEL DISCUSSION PART 3 DATE: 75-11
AUTHOR(S): ABBOTT R A BUFFA L TYPE(S): AC CATEGORIES: P
SOURCE(S): CAN AUDIC COST: 7.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
HEAVY METALS INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
(TTS 8): AUTHOR: G. MATTOCK.
RECORDED LIVE AT THE TECHNOLOGY TRANSFER SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY HELD IN TORONTO, CANADA.

EPAW02248
METAL FINISHING INDUSTRY SEMINAR PANEL DISCUSSION PART 4 CONCLUSIONS DATE: 75-11
AUTHOR(S): ABBOTT P A BUFFA L TYPE(S): AC CATEGORIES: P
SOURCE(S): CAN AUDIO COST: 7.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
HEAVY METALS INDUSTRIAL WASTES
REMARKS AND ABSTRACT:
(TTS 8A-91; AUTHOR: G. MATTOCK.
RECORDED LIVE AT THE TECHNOLOGY TRANSFER SEMINAR ON WASTE HANDLING, DISPOSAL AND RECOVERY IN THE METAL FINISHING INDUSTRY HELD IN TORONTO, CANADA.

EPAW02249
AERATION OF ACTIVATED SLUDGE IN SEWAGE TREATMENT DATE: 74-00
AUTHOR(S): GIBBON D L TYPE(S): PM CATEGORIES: D O
SOURCE(S): PERGAMON COST: 7.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ACTIVATED SLUDGE STATISTICAL DATA AERATION
REMARKS AND ABSTRACT:
(ISBN 0-08-018156-2), 180PP.
DESCRIBES MODERN DESIGN AND OPERATING EXPERIENCE AT ALL STAGES OF THE AERATION PROCESS, FROM COMPRESSION AND CLEANING OF AIR SUPPLY TO ITS DISTRIBUTION THROUGH SEWAGE TO BE TREATED. THE EXPERIENCE OF 20 MUNICIPAL TREATMENT PLANTS IS TABULATED. INCLUDES RANGES OF EQUIPMENT AND GEOMETRIES AVAILABLE IN DIFFERING APPROACHES TO WATER POLLUTION CONTROL PROBLEMS.

EPAW02250
HEAVY METALS IN THE AQUATIC ENVIRONMENT DATE: 73-12
AUTHOR(S): KRENKEL P A TYPE(S): PM CATEGORIES: T
SOURCE(S): PERGAMON COST: 50.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
HEAVY METALS
REMARKS AND ABSTRACT:
(ISBN 0-08-018069-X), 368PP.
A COMPILATION OF PAPERS AND DISCUSSIONS PRESENTED AT AN INTERNATIONAL CONFERENCE HELD IN NASHVILLE, TN, IN DECEMBER 1973.

EPAW02251
MARINE POLLUTION AND MARINE WASTE DISPOSAL DATE: 73-12
AUTHOR(S): PEARSON E A FRANGIPANE E D TYPE(S): PM CATEGORIES: T
SOURCE(S): PERGAMON COST: 60.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
MARINE POLLUTION WASTEWATER DISPOSAL
REMARKS AND ABSTRACT:
(ISBN 0-08-019730-2), 492PP.
PROCEEDINGS OF THE SECOND INTERNATIONAL CONGRESS, SAN REMO, ITALY, 17-21 DECEMBER 1973. SPONSORED BY THE INTERNATIONAL ASSOCIATION ON WATER POLLUTION RESEARCH.

EPAW02252 DATE: 75-08
DISCHARGE OF SEWAGE FROM SEA OUTFALLS
AUTHOR(S): GAMESON A L
SOURCE(S): PERGAMON COST: 35.00 P
TYPE(S): PM LEVEL: 3
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
MARINE POLLUTION RECREATION AQUATIC MICROBIOLOGY
REMARKS AND ABSTRACT:
(ISBN 0-08-018302-6), 464PP.
EXAMINES MICROBIAL STANDARDS FOR BATHING BEACHES, TREATMENT OF SEWAGE BEFORE DISCHARGE INTO SEA, AND THE VARIOUS MECHANISMS TO WHICH MICROBIAL MORTALITY IN THE MARINE ENVIRONMENT HAS BEEN ATTRIBUTED.

EPAW02253 DATE: 73-09
INSTRUMENTATION CONTROL AND AUTOMATION FOR WASTEWATER TREATMENT SYSTEMS
AUTHOR(S): ANDREWS J F BRIGGS R
SOURCE(S): PERGAMON COST: 0.00 P
TYPE(S): PM LEVEL: 3
CATEGORIES: D
COPYRIGHT:
SUBJECT AREAS:
INSTRUMENTATION (PLANT) COMPUTERIZED SYSTEMS
REMARKS AND ABSTRACT:
(ISBN 0-08-017976-2), 570PP.
PROCEEDINGS OF THE CONFERENCE HELD IN LONDON 17-21 SEPTEMBER 1973 AND SPONSORED BY THE INTERNATIONAL ASSOCIATION OF WATER POLLUTION RESEARCH.

EPAW02254 DATE: 76-02
MANAGING THE WATER ENVIRONMENT
AUTHOR(S): SWAINSON N A FOX I K
SOURCE(S): UNIV BC COST: 15.50 P
TYPE(S): PM LEVEL: 3
CATEGORIES: P L
COPYRIGHT:
SUBJECT AREAS:
LAWS AND REGULATIONS WATER RESOURCES ADMINISTRATIVE AGENCIES ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
(ISBN 0-7748-0041-0); 266PP; AUTHORS: A. SCOTT, R. T. FRANSON, D. BLAIR, R. BOZZER, J. GRAHAM, E.T. HAEFELE, ET AL.
EXAMINES THE COMPLEX AND IMPORTANT PROBLEMS BEHIND THE FAILURE TO MANAGE THE ENVIRONMENT EFFICIENTLY AND EFFECTIVELY. DISCUSSES THE POLITICAL AND LEGAL FRAMEWORK ENVIRONMENTAL MANAGERS MUST WORK WITHIN; ADDRESSES THE PROBLEMS ASSOCIATED WITH A DEMOCRATIC SOCIETY'S NEED TO HAVE THE WISHES OF THOSE AFFECTED BY ENVIRONMENTAL DECISIONS FAIRLY REPRESENTED IN THE DECISION-MAKING PROCESS; AND DEALS SPECIFICALLY WITH THE STRATEGIC OPTIONS OPEN TO THE WATER QUALITY MANAGER AND THE COMPLEXITIES OF REAL POLICY CHOICE.

EPAW02255 DATE: 76-99
SCIENCE AND ENGINEERING OF POLLUTION CONTROL
AUTHOR(S): STONE N KROFCHAK D
SOURCE(S): VISCOUNT COST: 27.50 P
TYPE(S): PM LEVEL: 3
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
350PP.
COVERS BASIC AND DETAILED INFORMATION THAT ALL STUDENTS, ENGINEERS, SCIENTISTS, AND CORPORATE MANAGEMENT MUST KNOW IF THEY ARE TO UNDERSTAND AND DEAL WITH POLLUTION PROBLEMS ECONOMICALLY.

EPAW02256

COME LEARN WITH ME
AUTHOR(S): EPA
SOURCE(S): MTPI
SUBJECT AREAS:
ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR.
SHOWS "LEARNING BY DOING" APPROACH TO ENVIRONMENTAL EDUCATION IN URBAN AND SUBURBAN, PRIVATE AND PUBLIC SCHOOLS.
PRODUCED IN COOPERATION WITH THE CLEVELAND INSTITUTE FOR ENVIRONMENTAL EDUCATION.

COST: 0.00 R
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 72-00
INSTRUCTION

EPAW02257

FUN WITH THE ENVIRONMENT
AUTHOR(S): EPA
SOURCE(S): MTPI
SUBJECT AREAS:
ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
11 MIN., COLOR.
THE PROGRAM THEME IS INVOLVEMENT BY THE CHILD IN ENVIRONMENTAL PROBLEMS WITH A SOLICITATION TO JOIN THE PRESIDENT'S ENVIRONMENTAL MERIT AWARDS PROGRAM.

COST: 0.00 R
TYPE(S): FS AC
LEVEL: I
CATEGORIES: E
COPYRIGHT:
DATE: 76-99

EPAW02258

GET TOGETHER
AUTHOR(S): EPA
SOURCE(S): MTPI
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
16MM, 26 MIN., COLOR.
ABOUT ENVIRONMENTAL CLEAN-UP IN THE MIDWEST. SHOWS POLLUTION CONTROL APPROACHES TO A VARIETY OF ENVIRONMENTAL PROBLEMS IN CHICAGO, DETROIT AND OTHER URBAN AND AGRICULTURAL AREAS OF THE MIDWEST.

COST: 0.00 R
TYPE(S): MP
LEVEL: I
CATEGORIES: E
COPYRIGHT:
DATE: 72-00
URBAN IMPACT
ILLINOIS
MICHIGAN

EPAW02259

RECYCLING
AUTHOR(S): EPA
SOURCE(S): MTPI
SUBJECT AREAS:
RESOURCE RECOVERY
REMARKS AND ABSTRACT:
16MM, 21 MIN., COLOR.
SHOWS A VARIETY OF EFFORTS TO RECOVER AND USE MORE OF OUR DISCARDS. THIS APPROACH HAS THE DUAL BENEFIT OF CONSERVING OUR RESOURCES WHILE MINIMIZING THE EXPENSE AND DIFFICULTY OF SOLID WASTE DISPOSAL. ILLUSTRATES NEW TECHNIQUES THAT ARE BEING INVESTIGATED AND DEMONSTRATED UNDER PROVISIONS OF THE SOLID WASTE DISPOSAL ACT. IDEAL FOR CLASSROOM AND COMMUNITY ACTION GROUP USE AND FOR LOCAL OFFICIALS TO EXPLAIN THE EMERGING NEW FIELD OF REUSE, RECOVERY AND RECYCLING.

COST: 0.00 R
TYPE(S): MP
LEVEL: I
CATEGORIES: E
COPYRIGHT:
DATE: 71-00

EPAW02261
GUIDE TO SELECTED RESOURCES OF ENVIRONMENTAL INFORMATION DATE: 75-04
AUTHOR(S): WILDRICK D TYPE(S): PM CATEGORIES: E
SOURCE(S): ESI COST: 1.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES LAWS AND REGULATIONS ECOSYSTEMS ADMINISTRATIVE AGENCIES
REMARKS AND ABSTRACT:
13PP.
PROVIDES SOURCES OF GENERAL ENVIRONMENTAL INFORMATION WITH EMPHASIS ON THE AREAS OF ENVIRONMENTAL POLLUTION, LAW, AND EDUCATION. THESE SOURCES HAVE BEEN GROUPED UNDER THE FOLLOWING HEADINGS: NATIONAL ORGANIZATIONS, REFERENCE BOOKS, ABSTRACTING AND INDEXING SERVICES, PERIODICALS AND NEWSLETTERS, DIRECTORY, AND BIBLIOGRAPHIES.

EPAW02262
LAKES AGING AND POLLUTION DATE: 72-00
AUTHOR(S): SUNY ESF TYPE(S): MP CATEGORIES: E
SOURCE(S): SUNY ESF COST: 5.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
LIMNOLOGY
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR.
PORTRAYS THE AGING PROCESS OF LAKES. INCLUDED ARE THE CHANGES IN PLANT AND ANIMAL POPULATIONS AND THE IMPACT OF MAN ON THE AGING PROCESS. SELECTED TO BE SHOWN AT THE 1972 AMERICAN FILM FESTIVAL.

EPAW02263
MAN AND HIS NATURAL ENVIRONMENT THE CREEK DATE: 76-99
AUTHOR(S): SUNY ESF TYPE(S): MP CATEGORIES: E
SOURCE(S): SUNY ESF COST: 5.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
STREAMS
REMARKS AND ABSTRACT:
16MM, 26 MIN., COLOR.
SHOWS IN DETAIL THE PHYSICAL STRUCTURE AND LIFE-FORMS OF THE COMPLEX CREEK COMMUNITY. DISCUSSES THE NEED FOR CHANGING MAN'S ATTITUDE TOWARD HIS ENVIRONMENT AND POSSIBLE TECHNIQUES FOR ACCOMPLISHING THIS TASK. THE CENTRAL THEME IS "GETTING INVOLVED" IN AN ENVIRONMENTAL TASK. NARRATED BY LEIF ERIKSON.

EPAW02264
POLLUTION A MATTER OF CHOICE DATE: 76-99
AUTHOR(S): NBC SUNY ESF TYPE(S): MP CATEGORIES: E
SOURCE(S): SUNY ESF SU COST: 5.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL CONTROL MAINE
REMARKS AND ABSTRACT:
16MM, 53 MIN., COLOR, 2 REELS.
CLARIFIES WHY OUR NATURAL ENVIRONMENT IS BEING THREATENED BY TECHNOLOGY. ATTEMPTS TO ANSWER THE QUESTION OF WHAT KIND OF AN ENVIRONMENT CAN BE MANAGED IN A TECHNOLOGICAL SOCIETY BY EXAMINING THE CONFLICTS BETWEEN OUR NEEDS AND DESIRES, AND THE METHODS OF ACHIEVING THEM. SPECIFICALLY TREATS MACHIASPORT, MAINE WHERE THE NATURAL BEAUTY OF THE AREA, VALUED BY TOURISTS AND INHABITANTS IS SOUGHT BY OIL COMPANIES AS A PRIME AREA FOR OFF-SHORE DRILLING AND A PERFECT PORT FOR REFINERIES. IT RECORDS THE DILEMMA OF THE CITIZENS. HOSTED BY HUGH DOWNS.

EPAW02265

PUBLIC POISON
AUTHOR(S): TIME LIFE
SOURCE(S): TIME LIFE
SUBJECT AREAS:
HEALTH EFFECTS
REMARKS AND ABSTRACT:
16MM, 60 MIN., COLOR.
DOCUMENTARY ON THE GROWING HEAVY METALS POLLUTION FACING US TODAY. GOES INTO DETAIL ON THE DANGERS OF POISONING BY MERCURY, LEAD AND CADMIUM. PRESENTED AS A WARNING TO ALERT THE PUBLIC TO THE INCREASING DANGER OF METALS TO THE HEALTH AND WELFARE OF ALL INDIVIDUALS.

COST: 0.00 P
HAZARDOUS POLLUTANTS
TYPE(S): MP
LEVEL: 1
HEAVY METALS
CATEGORIES: E
COPYRIGHT:
DATE: 76-99

EPAW02266

WATER THE EFFLUENT SOCIETY
AUTHOR(S): SU
SOURCE(S): SU
SUBJECT AREAS:
WATER RESOURCES
REMARKS AND ABSTRACT:
16MM, 24 MIN., COLOR.
THE MAIN THEME IS THE CONCEPT OF THE WATER CYCLE AS BEING A CLOSED, LIMITED SYSTEM. MAN, HOWEVER, IS USING UP THE SMALL QUANTITY OF FRESH WATER AVAILABLE TO USE. DISCUSSES POSSIBLE SOLUTIONS TO THE WATER CRISIS SUCH AS MORE EXTENSIVE DAMS, DESALINATION, INTERNATIONAL WATER TREATIES, AND MOST PROMISING, A MUNICIPAL WATER RECYCLING SYSTEM WHICH WOULD USE, PURIFY AND REUSE WATER INDEFINITELY.

COST: 30.00 R
HYDROLOGY
TYPE(S): MP
LEVEL: 1
WATER REUSE
CATEGORIES: E
COPYRIGHT:
DATE: 76-99

EPAW02267

MAN AND THE BIOSPHERE
AUTHOR(S): BOCES
SOURCE(S): BOCES
SUBJECT AREAS:
SELF PACED INSTRUCTION
REMARKS AND ABSTRACT:
COLOR.
PRESENTED AS AN INTRODUCTION TO ECOLOGY AND HOW MAN RELATES TO IT. ATTEMPTS TO POINT OUT HOW INTELLECTUAL MAN HAS THE POWER TO CREATE AND DESTROY HIS ENVIRONMENT. ALLOWS FOR EASY AND "SET YOUR OWN PACE" VIEWING.

COST: 0.00 R
ECOSYSTEMS
TYPE(S): FS
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 76-99

EPAW02268

WATER
AUTHOR(S): COLUMBIA U
SOURCE(S): COLUMBIA U
SUBJECT AREAS:
WATER RESOURCES
REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR.
UNDERSCORES THE FACT THAT ADVANCED COUNTRIES SUCH AS THE UNITED STATES FACE PROBLEMS AS SERIOUS AS THOSE USUALLY ASSOCIATED WITH UNDERDEVELOPED, ARID LANDS. SHOWS HOW THE ALTERNATIVE TO FUTURE DUST BOWLS, FAMINE AND HUMAN MISERY IS COOPERATIVE PLANNING, REACHING ACROSS STATE AND NATIONAL BOUNDRIES TO PUT THE WATERS OF THE EARTH TO THE SERVICE OF ALL MANKIND.

STAPP P
COST: 0.00 P
ADMINISTRATIVE AGENCIES
TYPE(S): MP
LEVEL: 1
INTERNATIONAL ACTIVITIES
CATEGORIES: E
COPYRIGHT:
DATE: 76-99

EPAW02269
BIBLIOGRAPHIC MATERIALS ON CONSERVATION ENVIRONMENTAL MATTERS
AUTHOR(S): EPA
SOURCE(S): EPAI
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ECOSYSTEMS CONSERVATION
REMARKS AND ABSTRACT:
A BIBLIOGRAPHY ON CONSERVATION AND ENVIRONMENTAL EFFECTS AND CONTROL.
COST: 0.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: E COPYRIGHT: DATE: 73-00

EPAWC227C
ENVIRONMENTAL BIBLIOGRAPHY A BIBLIOGRAPHY OF SELECTED READING
AUTHOR(S): HUSSEY R A EPA
SOURCE(S): EPAI
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ECOSYSTEMS
REMARKS AND ABSTRACT:
AN ENVIRONMENTAL BIBLIOGRAPHY.
COST: 0.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: E COPYRIGHT: DATE: 76-99

EPAW02271
ENVIRONMENT A BIBLIOGRAPHY OF SOCIAL SCIENCE AND RELATED LITERATURE
AUTHOR(S): EPA
SOURCE(S): GPO EPA
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ECOSYSTEMS
REMARKS AND ABSTRACT:
(EPA-600/5-74-011) 860PP.
AN ENVIRONMENTAL BIBLIOGRAPHY.
COST: 7.45 P TYPE(S): PM LEVEL: 2 CATEGORIES: E COPYRIGHT: DATE: 76-99

EPAW02272
BIBLIOGRAPHY ON THERMAL POLLUTION
AUTHOR(S): ASCE
SOURCE(S): ASCE
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES THERMAL POLLUTION
REMARKS AND ABSTRACT:
(SA 3)
PUBLISHED IN THE JOURNAL OF THE SANITARY ENGINEERING DIVISION, PROCEEDINGS OF AMERICAN SOCIETY OF CIVIL ENGINEERS.
COST: 0.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: E COPYRIGHT: DATE: 67-06

EPAWC2273
ECOLOGY AND ENVIRONMENTAL QUALITY A SELECTED AND ANNOTATED BIBLIOGRAPHY FOR BIOL AND EARTH SCIE
AUTHOR(S): WATKINS J B
SOURCE(S): SYRACUSE U
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ECOSYSTEMS
REMARKS AND ABSTRACT:
AN ENVIRONMENTAL BIBLIOGRAPHY.
COST: 0.00 P TYPE(S): PM LEVEL: 2 CATEGORIES: E COPYRIGHT: DATE: 71-00

EPAW02274
ENVIRONMENT AND MAN A BIBLIOGRAPHY DATE: 70-00
AUTHOR(S): DURRENBERGER R W TYPE(S): PM CATEGORIES: E
SOURCE(S): NATL PRESS COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ECOSYSTEMS
REMARKS AND ABSTRACT:
AN ENVIRONMENTAL BIBLIOGRAPHY.

EPAW02275
ENVIRONMENT AND THE COMMUNITY AN ANNOTATED BIBLIOGRAPHY DATE: 71-00
AUTHOR(S): USDHUD TYPE(S): PM CATEGORIES: E
SOURCE(S): USDHUD COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ECOSYSTEMS PUBLIC PARTICIPATION
REMARKS AND ABSTRACT:
AN ENVIRONMENTAL BIBLIOGRAPHY.

EPAW02276
ENVIRONMENTAL DEGRADATION A SELECTED BIBLIOGRAPHY DATE: 71-00
AUTHOR(S): SANGSTER R P TYPE(S): PM CATEGORIES: E
SOURCE(S): CPL COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
AN ENVIRONMENTAL BIBLIOGRAPHY.

EPAW02277
ENVIRONMENTAL PLANNING A SELECTED ANNOTATED BIBLIOGRAPHY DATE: 70-00
AUTHOR(S): MESHENBERG M J TYPE(S): PM CATEGORIES: E
SOURCE(S): ASPO COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
AN ENVIRONMENTAL BIBLIOGRAPHY.

EPAW02278
NATURAL RESOURCES BIBLIOGRAPHY DATE: 70-00
AUTHOR(S): OHIO STATE TYPE(S): PM CATEGORIES: E
SOURCE(S): OHIO STATE COST: 0.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ECOSYSTEMS WATER RESOURCES
REMARKS AND ABSTRACT:
AN ENVIRONMENTAL BIBLIOGRAPHY.

EPAW02279
NATURAL RESOURCES IN THE GOVERNMENTAL PROCESS A BIBLIOGRAPHY SELECTED AND ANNOTATED
AUTHOR(S): PAULSEN D F
SOURCE(S): ARIZONA U
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES ECOSYSTEMS WATER RESOURCES ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
AN ENVIRONMENTAL BIBLIOGRAPHY.
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E
COPYRIGHT:
DATE: 70-00

EPAW02280
OIL POLLUTION OF THE MARINE ENVIRONMENT A LEGAL BIBLIOGRAPHY
AUTHOR(S): CHRISTOL C Q
SOURCE(S): CPW
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES SPILLS (OIL) MARINE POLLUTION LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
AN ENVIRONMENTAL BIBLIOGRAPHY.
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E
COPYRIGHT:
DATE: 71-00

EPAW02281
POLLUTION BIBLIOGRAPHY OF UNITED STATES GOVERNMENT PUBLICATIONS ON AIR WATER AND LAND POLL
AUTHOR(S): WESTERN MI
SOURCE(S): WESTERN MI
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES POLLUTANTS WATER QUALITY ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
AN ENVIRONMENTL BIBLIOGRAPHY.
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: E
COPYRIGHT:
DATE: 70-00

EPAW02282
PRINCIPLES OF FLOW
AUTHOR(S): FOXBORO
SOURCE(S): FOXBORO
SUBJECT AREAS:
MEASUREMENT FLOW MEASUREMENT
REMARKS AND ABSTRACT:
(NO. A/V 500EP-D)
INTRODUCES THE FUNDAMENTAL PHYSICAL PRINCIPLES UPON WHICH THE OPERATION OF INDUSTRIAL PROCESS INSTRUMENTATION IS BASED. THE COMMON UNITS OF MEASUREMENT AND DEFINITIONS OF THE TERMS EMPLOYED ARE COVERED. COVERS: FLOW AS AN IMPORTANT PROCESS VARIABLE; RATE OF FLOW; ENERGY IN FLOW-BERNOULLI'S PRINCIPLE; CHANGES IN PRESSURE AND VELOCITY OF FLOW; LAMINAR FLOW; REYNOLD'S NUMBER, TURBULENT FLOW; PRESSURE LOSS.
COST: 80.00 P
TYPE(S): SL AC
LEVEL: 3
CATEGORIES: D T
COPYRIGHT:
DATE: 76-99

EPAW02283
PRINCIPLES OF TEMPERATURE
AUTHOR(S): FOXBORO
SOURCE(S): FOXBORO
SUBJECT AREAS:
TEMPERATURE
REMARKS AND ABSTRACT:
(A/V 501EP-D)
INTRODUCES THE FUNDAMENTAL PHYSICAL PRINCIPLES UPON WHICH THE OPERATION OF INDUSTRIAL PROCESS INSTRUMENTATION IS BASED. THE COMMON UNITS OF MEASUREMENT AND DEFINITIONS OF THE TERMS EMPLOYED ARE COVERED. INCLUDES: TEMPERATURE AND HEAT; HEAT TRANSFER; TEMPERATURE SCALES; UNITS OF HEAT; TEMPERATURE MEASUREMENT, SPECIFIC HEAT; EXPANSION AND CONTRACTION; TEMPERATURE AND ELECTRIC CURRENT.
COST: 100.00 P
TYPE(S): SL AC
LEVEL: 3
CATEGORIES: D T
COPYRIGHT:
DATE: 76-99

EPAW02284
PRINCIPLES OF PRESSURE DATE: 76-99
AUTHOR(S): FOXBORO TYPE(S): SL AC CATEGORIES: D T
SOURCE(S): FOXBORO COST: 80.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
PHYSICS INSTRUMENTATION (PLANT)
REMARKS AND ABSTRACT:
(NO. A/V 506EP-D)
INTRODUCES THE FUNDAMENTAL PHYSICAL PRINCIPLES UPON WHICH THE OPERATION OF INDUSTRIAL PROCESS INSTRUMENTATION IS BASED. THE COMMON UNITS OF MEASUREMENT AND DEFINITIONS OF THE TERMS EMPLOYED ARE COVERED. INCLUDES: IMPORTANCE OF PRESSURE MEASUREMENT; FORMULA FOR DETERMINING PRESSURE; ATMOSPHERIC PRESSURE; ATMOSPHERIC PRESSURE AS A REFERENCE; ABSOLUTE PRESSURE; MEASURING PRESSURE WITH A U-TUBE.

EPAW02285
PRINCIPLES OF LIQUID LEVEL DATE: 76-99
AUTHOR(S): FOXBORO TYPE(S): SL AC CATEGORIES: D T
SOURCE(S): FOXBORO COST: 80.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
MEASUREMENT
REMARKS AND ABSTRACT:
(NO. A/V 512EP-D)
INTRODUCES THE FUNDAMENTAL PHYSICAL PRINCIPLES UPON WHICH THE OPERATION OF INDUSTRIAL PROCESS INSTRUMENTATION IS BASED. THE COMMON UNITS OF MEASUREMENT AND DEFINITIONS OF THE TERMS EMPLOYED ARE COVERED. INCLUDES: SIMPLE LEVEL MEASUREMENT; HEAD PRESSURE IN LIQUIDS; BUBBLE TUBES; DIAPHRAGM BOX; PRESSURE ELEMENT; APPLICATION TO CLOSED TANK; FLOAT AND CABLE; BUOYANCY METER; SONIC MEASUREMENT; NUCLEAR MEASUREMENT.

EPAW02286
ADDING OR REMOVING REFRIGERANT DATE: 45-00
AUTHOR(S): USOE TYPE(S): MP CATEGORIES: O
SOURCE(S): NATL AVC COST: 36.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO
REMARKS AND ABSTRACT:
(TITLE NO. 115050) (AGENCY NO. OE 441); 16MM, 17 MIN., OPTICAL SOUND, BLACK & WHITE.
DEMONSTRATES HOW TO CHECK A DOMESTIC REFRIGERATION SYSTEM FOR LACK OF REFRIGERANT, HOW TO ADD REFRIGERANT BY WEIGHT AND IN UNMEASURED AMOUNTS AND HOW TO REMOVE REFRIGERANT FROM THE REFRIGERATION SYSTEM.

EPAW02287
ADJUSTING AND CHECKING THE EXPANSION VALVE DATE: 45-00
AUTHOR(S): USOE TYPE(S): MP CATEGORIES: O
SOURCE(S): NATL AVC COST: 43.25 LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO VALVES
REMARKS AND ABSTRACT:
(TITLE NO. 115850) (AGENCY NO. OE 444) 16MM, 21 MIN., OPTICAL SOUND, BLACK & WHITE.
DESCRIBES THE DESIGN AND OPERATION OF THE BELLOWS TYPE AND THE DIAPHRAGM TYPE AUTOMATIC EXPANSION VALVES.
EXPLAINS HOW TO ADJUST, CHECK AND SERVICE THE BELLOWS TYPE VALVE.

EPAW02288
ADJUSTING AND REPAIRING THE THERMO EXPANSION VALVE
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO VALVES
REMARKS AND ABSTRACT:
(TITLE NO. 115900) (AGENCY NO. OE 448) 16MM, 12 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLAINS THE THEORY OF MULTIPLE REFRIGERATION SYSTEMS. TELLS HOW TO TEST AND ADJUST THE THERMO EXPANSION VALVE, HOW TO RECOGNIZE SYMPTOMS OF TROUBLE IN THE VALVE AND HOW TO SERVICE THE VALVE.
COST: 26.75 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 45-00

EPAW02289
ADJUSTING COMMERCIAL THERMOSTATIC CONTROLS
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO VALVES
REMARKS AND ABSTRACT:
(TITLE NO. 116050) (AGENCY NO. OE 450) 16MM, 12 MIN., OPTICAL SOUND, BLACK & WHITE.
DEMONSTRATES HOW TO ADJUST THE THERMOSTATIC MOTOR CONTROL, THE THERMO TWO-TEMPERATURE VALVE AND THE THERMO WATER VALVE.
COST: 26.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 45-00

EPAWC229C
ADJUSTING PRESSURE ACTUATED TEMPERATURE CONTROL DEVICES
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO VALVES
REMARKS AND ABSTRACT:
TEMPERATURE
(TITLE NO. 116100) (AGENCY NO. OE 449) 16MM, 15 MIN., OPTICAL SOUND, BLACK & WHITE.
DESCRIBES THE PURPOSE OF PRESSURE ACTUATED TEMPERATURE CONTROL DEVICES. EXPLAINS HOW TO ADJUST THE PRESSURE ACTUATED MOTOR CONTROL AND HOW TO ADJUST THE METERING TYPE AND SNAP-ACTION TWO-TEMPERATURE VALVES.
COST: 32.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 45-00

EPAWC2291
ADVENTURE OF JUNIOR RAINDROP
AUTHOR(S): ESCA
SOURCE(S): NATL AVC
SUBJECT AREAS:
WATERSHEDS
WATER QUALITY
REMARKS AND ABSTRACT:
(TITLE NO. 119250) (AGENCY NO. 1023) 16MM, 8 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS THE NEED FOR EVERYONE TO BE INFORMED ON GOOD WATERSHED MANAGEMENT. RAINDROPS, LIKE CHILDREN, BECOME DELINQUENT AND LAWLESS. THE ANIMATION IS SUPPLEMENTED WITH LIVE ACTION SCENES SHOWING CONTRASTING RESULTS OF POOR AND GOOD WATERSHED MANAGEMENT.
COST: 39.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 48-00

EPAW02292

AIR START CHECK VALVE CYLINDER RELIEF VALVE AND INDICATOR COCK (OUT OF PRINT)
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
VALVES
ENGINES
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 44-00
(TITLE NO. 003308) (AGENCY NO. MN03691 G) 15MM, 13 MIN., OPTICAL SOUND, BLACK & WHITE. (OUT OF PRINT) TELLS HOW TO DISASSEMBLE AND REASSEMBLE THE AIR START CHECK VALVE, CYLINDER RELIEF VALVE, AND THE INDICATOR COCK AND TEST THE CYLINDER RELIEF VALVE.

EPAW02293

AIR WE BREATHE IN INDUSTRIAL ENVIRONMENTS
AUTHOR(S): USBM
SOURCE(S): NATL AVC
SUBJECT AREAS:
SAFETY
INDUSTRIAL HEALTH
POLLUTANTS
REMARKS AND ABSTRACT:
COST: 68.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 72-00
(TITLE NO. 003567) 16MM, OPTICAL SOUND, COLOR; PRIOR TO ORDERING REQUEST PERMISSION FROM US DEPT. OF INTERIOR. DISCUSSES THE COMPOSITION AND IMPORTANCE OF AIR IN RELATION TO VARIOUS WORKING ENVIRONMENTS. DESCRIBES INDUSTRIAL HEALTH (BREATHING) HAZARDS ENCOUNTERED AND THE IMPORTANCE OF PROTECTING WORKERS BY USING PROTECTIVE EQUIPMENT AND PROPER VENTILATION. PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PENN. 15313. ORDER FROM NATL AVC AFTER PERMISSION HAS BEEN RECEIVED.

EPAW02294

ALIGNING AND INSTALLING AUXILIARY MACHINERY
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
MOTORS
EQUIPMENT (PLANT)
PLANT CONSTRUCTION
REMARKS AND ABSTRACT:
COST: 7.50 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 44-00
(TITLE NO. 126815) (AGENCY NO. OE 096) 16MM, 17 MIN., OPTICAL SOUND, BLACK & WHITE. SALE PRICE: $35.75. SHOWS HOW TO LAY OUT FOUNDATIONS FOR MACHINERY INSTALLATION, DRILL BOLT HOLES, ESTABLISH CENTERS FOR HOLES FOR DRILLING, AND ALIGN MACHINES ACCURATELY ON FOUNDATIONS.

EPAW02295

ANCIENT QUEST (OUT OF PRINT)
AUTHOR(S): USIA
SOURCE(S): NATL AVC
SUBJECT AREAS:
DESALINATION
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: E
COPYRIGHT:
DATE: 66-00
(TITLE NO. 135301) (AGENCY NO. 01-01470) 16MM, 30 MIN., OPTICAL SOUND, BLACK & WHITE (OUT OF PRINT). EXPLORES U. S. PROGRESS IN DESALINATION.

EPAW02296

APPRAISING SOILS FOR SOIL ABSORPTION SYSTEMS — DATE: 53-00

AUTHOR(S): USPHS — TYPE(S): MP — CATEGORIES: O

SOURCE(S): NATL AVC — COST: 32.00 P — LEVEL: 1 — COPYRIGHT:

SUBJECT AREAS:
SEPTIC TANKS

REMARKS AND ABSTRACT:
(TITLE NO. 000358) (AGENCY NO. M-508) 16MM, 18 MIN., OPTICAL SOUND, BLACK AND WHITE.
EXPLAINS THE THEORY OF SOIL ABSORPTION, DEMONSTRATES CHARACTERISTICS AND TESTS, AND DISCUSSED THE RELSTIONSHIP OF TEST FINDINGS TO THE SIZE AND CONSTRUCTION OF THE TILE ABSORPTION FIELD. USER SHOULD SUPPLEMENT FILM WITH CURRENT DATA.

EPAW02297

AREA POISONING — DATE: 54-00

AUTHOR(S): USAMAC — TYPE(S): MP — CATEGORIES: O

SOURCE(S): NATL AVC — COST: 15.75 P — LEVEL: 2 — COPYRIGHT:

SUBJECT AREAS:
RODENT CONTROL

REMARKS AND ABSTRACT:
(TITLE NO. 144500) (AGENCY NO. M-037.1-F2) 16MM, 9 MIN., OPTICAL SOUND, BLACK & WHITE, REVISED ED.
DISCUSSES THE USES OF SUCH RODENTICIDES AS RED SQUILL, ANTU, ARSENIC TRIOXIDE, 1080 WATER, AND WARFARIN.

EPAW02298

ARTIFICIAL RESPIRATION — DATE: 73-00

AUTHOR(S): USDHEW — TYPE(S): MP — CATEGORIES: O

SOURCE(S): NATL AVC — COST: 47.00 P — LEVEL: 1 — COPYRIGHT:

SUBJECT AREAS:
SAFETY

REMARKS AND ABSTRACT:
(TITLE NO. 001994) (AGENCY NO. M-798) 16MM, 16 MIN., OPTICAL SOUND, COLOR. REQUEST PERMISSION FROM HEW PRIOR TO ORDER.
TEACHES THE INDIVIDUAL HOW TO TAKE CARE OF MANY OF HIS MEDICAL AND HEALTH NEEDS IN TIME OF DISASTER WHEN MEDICAL ASSISTANCE MIGHT NOT BE READILY AVAILABLE. REQUEST WRITTEN PERMISSION FROM THE CHIEF OF TRAINING, DIVISICN OF EMERGENC HEALTH SERVICES, HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, U S DEPARTMENT OF HEALTH, EDUCATION AND WELFARE, 6525 BELCREST ROAD, WEST HYATTSVILLE, MD 20782. AFTER RECEIVING PERMISSICN ORDER FRCM NATL AVC.

EPAW02299

AUTCMATION IN CLINICAL CHEMISTRY PART 1 HOW IT WORKS — DATE: 62-00

AUTHOR(S): USN — TYPE(S): MP — CATEGORIES: M

SOURCE(S): NATL AVC — COST: 85.75 P — LEVEL: 3 — COPYRIGHT:

SUBJECT AREAS:
INSTRUMENTATION (LABORATORY)

REMARKS AND ABSTRACT:
(TITLE NO. 003720) (AGENCY NO. FTA-6-61) 16MM, 20 MIN., OPTICAL SOUND, COLOR.
EXPLAINS HOW THE AUTOANALYZER MEASURES AND COMPARES ON A MOVING GRAPH THE CONCENTRATION OF A GIVEN SUBSTANCE OF THE SAME SUBSTANCE IN A STANDARD CONTROL SOLUTION.

EPAW02300
AUTOMATION IN CLINICAL CHEMISTRY PART 2 ASSEMBLY AND OPERATION OF EQUIPMENT DATE: 62-00
AUTHOR(S): USN TYPE(S): MP CATEGORIES: M
SOURCE(S): NATL AVC COST: 145.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
(TITLE NO. 003721) (AGENCY NO. FTA-7-61) 16MM, 35 MIN., OPTICAL SOUND, COLOR.
OFFERS SOME PRACTICAL DETAILS OF SETTING UP THE AUTOANALYZER AND RUNNING IT.

EPAW02301
BARS PUNCHES AND DRIFTS DATE: 43-00
AUTHOR(S): USA TYPE(S): MP CATEGORIES: D
SOURCE(S): NATL AVC COST: 27.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (SHOP)
REMARKS AND ABSTRACT:
(TITLE NO. 161100) (AGENCY NO. TF09-2030) 16MM, 15 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLAINS THE SPECIFIC PURPOSES, CORRECT USES, AND COMMON MISUSES OF BARS, PUNCHES AND DRIFTS.

EPAW02302
BASIC PRINCIPLES OF THE ANALYTICAL BALANCE DATE: 51-00
AUTHOR(S): USPHS TYPE(S): MP CATEGORIES: M
SOURCE(S): NATL AVC COST: 33.75 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
(TITLE NO. 000359) (AGENCY NO. M-0012) 16MM, 19 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLAINS THE USE OF THE ANALYTICAL BALANCE, FIND ITS SENSITIVITY, CALIBRATE THE WEIGHTS, WEIGH AN OBJECT, AND WEIGH OUT A PREDETERMINED AMOUNT OF MATERIAL.

EPAW02303
BEARING DISASSEMBLY AND INSPECTION DATE: 44-00
AUTHOR(S): USN TYPE(S): MP CATEGORIES: D
SOURCE(S): NATL AVC COST: 25.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
BEARINGS
REMARKS AND ABSTRACT:
(TITLE NO. 00C360) (AGENCY NO. MN02364C) 16MM, 14 MIN., OPTICAL SOUND, COLOR.
DEMONSTRATES HOW TO DISASSEMBLE MAIN BEARINGS, INSPECT, TAKE READINGS ON THE BEARING SHELL, AND USE CARE IN HANDLING PARTS.

EPAWC2304
BEARING REASSEMBLY
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
BEARINGS
COST: 19.25 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 43-00
REMARKS AND ABSTRACT:
(TITLE NO. 00351) (AGENCY NO. MN02364D) 16MM, 11 MIN., OPTICAL SOUND, BLACK & WHITE.
DEMONSTRATES HOW TO ROLL THE BEARING SHELL BACK INTO PLACE. TELLS HOW TO INSTALL CAP, WEDGE BLOCKS, AND WEDGE SHOE AND CONNECT THE LUBE OIL LINE.

EPAW02305
BEARING REMOVAL AND INSPECTION
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
BEARINGS
COST: 30.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 43-00
REMARKS AND ABSTRACT:
(TITLE NO. 000362) (AGENCY NO. MN002090) 16MM, 17 MIN., OPTICAL SOUND, BLACK AND WHITE.
DEMONSTRATES HOW TO DISASSEMBLE THE MAIN BEARING. TELLS HOW TO INSPECT, CLEAN, AND REPLACE BEARING SHELLS AND REASSEMBLE THE BEARING.

EPAW02306
BEARINGS
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
BEARINGS
COST: 15.75 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 45-00
REMARKS AND ABSTRACT:
(TITLE NO. 165446) (AGENCY NO. MN03708C) 16MM, 9 MIN., OPTICAL SOUND, BLACK & WHITE.
TELLS HOW TO REMOVE, INSPECT, AND INSTALL MAIN BEARING CAP, LOWER BEARING SHELL, AND UPPER BEARING SHELLS.

EPAWC2307
BLEEDING AND BANDAGING
AUTHOR(S): USNMAC
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 93.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: D
COPYRIGHT:
DATE: 65-00
REMARKS AND ABSTRACT:
(TITLE NO. 179790) (AGENCY NO. M-0799) 16MM, 28 MIN., OPTICAL SOUND, COLOR.
RESTRICTED TO PROFESSIONAL AUDIENCES - RESIDENTS, OTHER MEDICAL PROFESSIONAL PERSONNEL, AND RESEARCH AND SOCIAL WORKERS IN THE FIELD OF MEDICINE. CLEARED FOR USE ON EDUCATIONAL CLOSED CIRCUIT TELEVISION ONLY. TEACHES THE INDIVIDUAL HOW TO TAKE CARE OF HIS MEDICAL AND HEALTH NEEDS IN TIME OF DISASTER WHEN MEDICAL ASSISTANCE MIGHT NOT BE READILY AVAILABLE.

EPAW023C8
BODY MECHANICS
AUTHOR(S): USNMAC
SOURCE(S): NATL AVC
SUBJECT AREAS:
MANUAL LABOR
COST: 29.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 66-00
REMARKS AND ABSTRACT:
(TITLE NO. 181427) (AGENCY NO. M-1336) 16MM, 9 MIN., OPTICAL SOUND, COLOR.
SHOWS "DO'S" AND "DON'TS" OF LIFTING TECHNIQUES USED BY PHYSICAL THERAPISTS. EMPHASIZED USE OF PROPER BODY MECHANICS AS A PROTECTION TO BOTH PATIENT AND THERAPIST.

EPAWC23C5
BOILERS AND THEIR OPERATION ALKALINITY TEST
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
BOILERS
COST: 54.25 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 70-00
REMARKS AND ABSTRACT:
(TITLE NO. 181508) (AGENCY NO. MN09223I2) 16MP, 13 MIN., OPTICAL SOUND, COLOR.
DESCRIBES THE PROCEDURE FOR PREPARING THE CHEMICALS AND CONDUCTING THE ALKALINITY TEST.

EPAW02310
BOILERS AND THEIR OPERATION BOILER WATER SAMPLING
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
BOILERS
COST: 35.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 71-00
REMARKS AND ABSTRACT:
(TITLE NO. 181620) (AGENCY NO. MN09223R) 16MM, 8 MIN., OPTICAL SOUND, COLOR.
SHOWS THE MANNER IN WHICH BOILER WATER SAMPLES ARE OBTAINED.

EPAWC2311
BOILERS AND THEIR OPERATION PHOSPHATE TEST
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
BOILERS
COST: 56.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 70-00
REMARKS AND ABSTRACT:
(TITLE NO. 181522) (AGENCY NO. MN09223M3) 16MM, 13 MIN., OPTICAL SOUND, COLOR.
DEMONSTRATES THE USE OF THE TAYLOR COMPARATOR KIT IN PERFORMING THE PHOSPHATE TEST. ALSO SHOWS HOW TO PREPARE THE BOILER WATER.

EPAW02312
BREATH IN TIME
AUTHOR(S): USBM
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 107.75 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 61-00
REMARKS AND ABSTRACT:
(TITLE NO. 003566) 16MM, 27 MIN., OPTICAL SOUND, COLOR. WRITTEN PERMISSION REQUIRED.
SHOWS MANY SITUATIONS WHERE THE PROMPT APPLICATION OF ARTIFICIAL RESPIRATION CAN SAVE A LIFE. THE VARIOUS METHODS OF ARTIFICIAL RESPIRATION, MOUTH-TO-MOUTH, HOLGER-NIELSON, SHAEFER AND SYLVESTER ARE DEMONSTRATED, WITH EMPHASIS ON THE MOUTH-TO-MOUTH METHOD. PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, US DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENN. 15313. AFTER PERMISSION IS GIVEN, ORDER FROM NATL. AVC.

EPAW02313
CARE AND MAINTENANCE OF TAPERED ROLLER BEARINGS
AUTHOR(S): USA
SOURCE(S): NATL AVC
SUBJECT AREAS:
BEARINGS
COST: 53.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 41-00
REMARKS AND ABSTRACT:
(TITLE NO. 200185) (AGENCY NO. TF11-0257) 16MM, 31 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLAINS HOW TO DISASSEMBLE, CLEAN, INSPECT, LUBRICATE, AND REASSEMBLE TAPERED ROLLER BEARINGS.

EPAW02314
CARPENTRY PART 1 MEASURING MARKING AND LEVELING TOOLS
AUTHOR(S): USA
SOURCE(S): NATL AVC
SUBJECT AREAS:
EQUIPMENT (SHOP)
COST: 35.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 65-00
REMARKS AND ABSTRACT:
(TITLE NO. 202560) (AGENCY NO. TF05-3548) 16MM, 18 MIN., OPTICAL SOUND, BLACK & WHITE.
TEACHES THE USE, CAPABILITIES, AND CARE AND MAINTENANCE OF THE CARPENTRY HAND TOOLS COMMONLY USED FOR MEASURING, MARKING AND LEVELING.

EPAW02315
CARPENTRY PART 2 CHOPPING AND DRIVING TOOLS
AUTHOR(S): USA
SOURCE(S): NATL AVC
SUBJECT AREAS:
EQUIPMENT (SHOP)
COST: 27.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 65-00
REMARKS AND ABSTRACT:
(TITLE NO. 001506) (AGENCY NO. TF05-3549) 16MM, 14 MIN., OPTICAL SOUND, BLACK & WHITE.
TEACHES THE USE, CAPABILITIES, CARE AND MAINTENANCE, AND SAFETY MEASURES PERTAINING TO THE CARPENTRY HAND AND POWER TOOLS USED FOR CHOPPING AND DRIVING.

EPAW02316
CARPENTRY PART 3 SAWING AND BORING TOOLS
AUTHOR(S): USA
SOURCE(S): NATL AVC
COST: 58.75 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 65-00
SUBJECT AREAS:
EQUIPMENT (SHOP)
REMARKS AND ABSTRACT:
(TITLE NO. 202562) (AGENCY NO. TF05-3550) 16MM, 33 MIN., OPTICAL SOUND, BLACK & WHITE.
TEACHES USE, CAPABILITIES, CARE AND MAINTENANCE, AND SAFETY MEASURES PERTAINING TO THE HAND POWER TOOLS COMMONLY USED IN CARPENTRY FOR SAWING AND BORING.

EPAW02317
CARPENTRY PART 4 PLANNING AND CHISELING TOOLS
AUTHOR(S): USA
SOURCE(S): NATL AVC
COST: 19.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 65-00
SUBJECT AREAS:
EQUIPMENT (SHOP)
REMARKS AND ABSTRACT:
(TITLE NO. 202563) (AGENCY NO. TF05-3551) 16MM, 11 MIN., OPTICAL SOUND, BLACK & WHITE.
FEATURES AND USE OF BENCH PLANE AND FRAMING CHISEL AND DEMONSTRATION OF CLEANING, SHARPENING, SMOOTHING, OILING AND PROPER STORAGE ARE SHOWN.

EPAW02318
CENTRIFUGAL AIR CONDITIONING EQUIPMENT PRINCIPLES AND OPERATIONS
AUTHOR(S): USN
SOURCE(S): NATL AVC
COST: 80.25 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 69-00
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO
REMARKS AND ABSTRACT:
(TITLE NO. 206436) (AGENCY NO. MN10344A) 16MM, 20 MIN., OPTICAL SOUND, COLOR.
DESCRIBES OPERATING PRINCIPLES OF CENTRIFUGAL AIR CONDITIONING EQUIPMENT.

EPAW02319
CHARGING STORAGE BATTERIES
AUTHOR(S): USA
SOURCE(S): NATL AVC
COST: 28.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: 0
COPYRIGHT:
DATE: 43-00
SUBJECT AREAS:
BATTERIES
REMARKS AND ABSTRACT:
(TITLE NO. 210050) (AGENCY NO. TF11-1219) 16MM, 16 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLAINS THE CHARGING, CARE, AND PREPARATION OF STORAGE BATTERIES, AND CONSTANT VOLTAGE METHODS AND MODIFICATIONS.

EPAWC2320 DATE: 45-00
CHECKING AND REPLACING A FLOAT VALVE
AUTHOR(S): USOE
SOURCE(S): NATL AVC
COST: 7.50 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
VALVES
REMARKS AND ABSTRACT:
(TITLE NO. 210950) (AGENCY NO. OE445) 16MM, 19 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $33.75.
DESCRIBES THE FUNCTIONS OF TWO BASIC TYPES OF FLOAT VALVES HIGH-SIDE FLOAT AND LOW-SIDE FLOAT. EXPLAINS HOW TO
CORRECT TROUBLES IN BOTH TYPES AND HOW TO REPLACE HIGH-SIDE FLOAT.

EPAWC2321 DATE: 45-00
CHECKING THE SYSTEM PART 1 GENERAL PROCEDURE
AUTHOR(S): USOE
SOURCE(S): NATL AVC
COST: 7.50 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO
REMARKS AND ABSTRACT:
(TITLE NO. 211100) (AGENCY NO. OE438) 16MM, 17 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $30.50
EXPLAINS HOW TO INSTALL GAGES IN A DOMESTIC REFRIGERATOR, CLEAN THE CONDENSER AND OIL THE MOTOR OF AN OPEN-TYPE
REFRIGERATION UNIT AND CHECK OPERATION PRESSURES, COMPRESSOR PERFORMANCE, AND TEMPERATURE RANGE OF THE COOLING UNIT.

EPAWC2322 DATE: 45-00
CHECKING THE SYSTEM PART 2 TROUBLE SHOOTING
AUTHOR(S): USOE
SOURCE(S): NATL AVC
COST: 7.50 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO
REMARKS AND ABSTRACT:
(TITLE NO. 211101) (AGENCY NO. OE439) 16MM, 17 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $30.50.
EXPLAINS HOW TO DETERMINE CAUSES OF SEVERAL COMMON REFRIGERATION TROUBLES, SUCH AS 'UNIT WILL NOT RUN',
'UNIT RUNS CONTINUOUSLY', 'IMPROPER REFRIGERATION OF FOOD, BUT UNIT FREEZES ICE CUBES'.

EPAWC2323 DATE: 61-00
CHEMICAL LAB SAFETY
AUTHOR(S): USNMAC
SOURCE(S): NATL AVC
COST: 84.75 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT:
(TITLE NO. 211950) (AGENCY NO. M-0445) 16MM, 25 MIN., OPTICAL SOUND, COLOR.
SEVERAL SIMULATED CHEMICAL LAB 'ACCIDENTS' ARE DEPICTED ALONG WITH SUGGESTIONS FOR THEIR PREVENTION AND TIPS FOR
GENERAL SAFETY PRECAUTIONS IN ROUTINE LAB ACTIVITIES.

EPAW02324
CHEMICAL TECHNIQUES FOLDING A FILTER PAPER (OUT OF PRINT)
AUTHOR(S): USN
SOURCE(S): NATL AVC COST: 0.00 TYPE(S): MP LEVEL: 1 CATEGORIES: M COPYRIGHT: DATE: 56-00
SUBJECT AREAS:
LABORATORY SKILLS
REMARKS AND ABSTRACT:
(OUT OF PRINT) (TITLE NO. 000389) (AGENCY NO. MN09375Q) 16MM, 3 MIN., OPTICAL SOUND, COLOR.
DEMONSTRATES THE TECHNIQUE OF FOLDING A FILTER PAPER FOR USE WHEN FILTERING SOLUTIONS IN LABORATORY DETERMINATION.

EPAW02325
CHISELS
AUTHOR(S): USA
SOURCE(S): NATL AVC COST: 22.25 P TYPE(S): MP LEVEL: 1 CATEGORIES: O COPYRIGHT: DATE: 43-00
SUBJECT AREAS:
EQUIPMENT (SHOP)
REMARKS AND ABSTRACT:
(TITLE NO. 217550) (AGENCY NO. TF09-2028) 16MM, 12 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS THE VARIOUS TYPES OF COLD CHISELS, AND DEMONSTRATES PROPER TECHNIQUES AND SAFETY PRECAUTIONS TO BE OBSERVED IN USING THEM.

EPAW02326
COLOR FOR SAFETY
AUTHOR(S): USBM
SOURCE(S): NATL AVC COST: 87.50 P TYPE(S): MP LEVEL: 1 CATEGORIES: M COPYRIGHT: DATE: 66-00
SUBJECT AREAS:
SAFETY PIPES EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
(TITLE NO. 003562) 16MM, 22 MIN., OPTICAL SOUND, COLOR.
EMPHASIZES THE IMPORTANCE OF COLOR IN PREVENTING ACCIDENTS IN THE MINERAL INDUSTRIES. THE CORRECT COLOR CODING AND LABELING OF FUEL, GAS AND CHEMICAL PIPES, AND CYLINDERS TO PREVENT MISUSE OF CONTENTS IS POINTED OUT. SHOWS HOW TOOLS, EQUIPMENT, AND PLANT FACILITIES ARE COLOR CODED FOR ACCURATE IDENTIFICATION. MUST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, U.S. DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PA 15313. AFTER PERMISSION GIVEN ORDER FROM NATL. AVC.

EPAW02327
CONSTRUCTION OF DIESEL ENGINES
AUTHOR(S): USN
SOURCE(S): NATL AVC COST: 30.50 P TYPE(S): MP LEVEL: 2 CATEGORIES: T COPYRIGHT: DATE: 42-00
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 240700) (AGENCY NO. MN00043) 16MM, 17 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS THE GENERAL STRUCTURE OF DIESEL ENGINES INCLUDING--SEVERAL TYPES OF DIESEL ENGINES AND THE DIFFERENT FRAME TYPES, CYLINDER PARTS, PISTONS, PISTON RINGS, CONNECTING RODS, CRANKSHAFTS, BEARINGS, CAMSHAFTS, AND ROCKER ASSEMBLIES.

EPAW02328
CONSTRUCTION SAFETY AND HEALTH TRAINING COURSE DATE: 73-00
AUTHOR(S): USDL TYPE(S): SL PM CATEGORIES: S O
SOURCE(S): NATL AVC COST: 75.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
SAFETY PLANT CONSTRUCTION EQUIPMENT (CONSTRUCTION)
REMARKS AND ABSTRACT:
(TITLE NO. 002057) 466, 2X2 SLIDES, SILENT, COLOR.
IMPROVES THE ABILITY TO RECOGNIZE, AVOID AND PREVENT UNSAFE WORKING CONDITIONS ON A CONSTRUCTION JOB. THESE TRAINING MATERIALS COVER ALL PHASES OF CONSTRUCTION SAFETY FROM PRE-JOB PLANNING TO THE FINISHED JOB. CAREFUL STUDY IS GIVEN TO BUILT-IN HAZARDS IN THE USE OF MATERIAL-HANDLING LOADER, BULLDOZERS AND TRUCKS. THE DANGERS PRESENT IN THE USE OF ARC AND GAS WELDING, CUTTING EQUIPMENT AND FLAMMABLE FUELS AND LIQUIDS ARE EXAMINED AND GIVEN SPECIAL ATTENTION. ALSO INCLUDED AND THOROUGHLY DISCUSSED ARE PERSONAL PROTECTIVE EQUIPMENT, HAND TOOLS AND ACCESSORIES FOR MAJOR POWERED EQUIP.

EPAWC2329
CONTRACT NEGOTIATION TECHNIQUES DATE:
AUTHOR(S): USAF TYPE(S): MP CATEGORIES: P
SOURCE(S): NATL AVC COST: 52.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
AGREEMENTS AND CONTRACTS
REMARKS AND ABSTRACT:
(TITLE NO. 242210) (AGENCY NO. TF01-5223) 16MM, 30 MIN., OPTICAL SOUND, BLACK & WHITE.
DEMONSTRATES BOTH CORRECT AND INCORRECT TECHNIQUES FOR CONDUCTING CONTRACT NEGOTIATIONS WITH REPRESENTATIVES OF INDUSTRY, AND STRESSES THE IMPORTANCE OF THE PROCUREMENT TEAM'S NEED FOR ADVANCE STUDY AND DATA.

EPAWC2330
CONVEYOR BELTS BE CAREFUL DATE: 69-00
AUTHOR(S): USBM TYPE(S): MP CATEGORIES: O
SOURCE(S): NATL AVC COST: 62.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
(TITLE NO. 003560) 16MM, 15 MIN., OPTICAL SOUND, COLOR.
FIVE OF THE MOST COMMON ACCIDENTS THAT CAN OCCUR AROUND BELT CONVEYORS IN THE MINERAL INDUSTRY ARE VISUALLY DEPICTED. RECOMMENDATIONS FOR THEIR PREVENTION ARE OUTLINED AND THE NEED FOR SAFE MINING EQUIPMENT AND FACILITIES IS STRESSED. REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, U.S. DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PA 15213. AFTER GETTING PERMISSION ORDER FROM NATL. AVC.

EPAW02331
COOLING SYSTEM AND FUEL SYSTEM DATE: 45-00
AUTHOR(S): USOE TYPE(S): MP CATEGORIES: O
SOURCE(S): NATL AVC COST: 7.50 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO
REMARKS AND ABSTRACT:
(TITLE NO. 243425) (AGENCY NO. OE464) 16MM, 22 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $38.50.
EXPLAINS HOW TO CHECK FOR LEAKS IN THE COOLING SYSTEM AND CHECK THE FAN AND WATER PUMP. DESCRIBES MECHANICAL OPERATION OF THE CARBUREATOR, FILTER, AND VENTS, FUEL PUMP, AND LEAKAGE IN THE FUEL SYSTEM.

EPAW02332
COUNTING WHAT COUNTS WORK COUNTS
DATE: 73-00
AUTHOR(S): USA
SOURCE(S): NATL AVC
COST: 40.75 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
JOB ANALYSIS
SUPERVISION
REMARKS AND ABSTRACT:
(TITLE NO. 003572) (AGENCY NO. MF-61-5721) 16MM, 10 MIN., OPTICAL SOUND, COLOR.
ILLUSTRATES THROUGH ANIMATION THE MEANING, TECHNIQUES, AND USES OF WORK COUNT AS A SCORING SYSTEM FOR THE SUPERVISOR'S EVALUATION OF HIS EMPLOYEES.

EPAW02333
COVERING HOT AND COLD PIPES
DATE: 50-00
AUTHOR(S): USCE
SOURCE(S): NATL AVC
COST: 45.25 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: C
COPYRIGHT:
SUBJECT AREAS:
PIPES
REMARKS AND ABSTRACT:
(TITLE NO. 247750) (AGENCY NO. OE109) 16MM, 22 MIN., OPTICAL SOUND, BLACK & WHITE.
DESCRIBES MATERIALS USED TO INSULATE HOT AND COLD PIPES. EXPLAINS HOW TO INSULATE STRAIGHT PIPE AND HOW TO COVER COUPLING, BEND, ELBOW, VALVE AND FLANGE.

EPAWC2334
CRANE OPERATIONS SAFETY PRECAUTIONS
DATE: 55-00
AUTHOR(S): USN
SOURCE(S): NATL AVC
COST: 25.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SAFETY
EQUIPMENT (CONSTRUCTION)
REMARKS AND ABSTRACT:
(TITLE NO. 249190) (AGENCY NO. MN080768) 16MM, 14 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS PROCEDURES AND RULES TO BE FOLLOWED IN THE SAFE OPERATION OF MOBILE CRANES.

EPAW02335
CYLINDER HEAD
DATE: 43-00
AUTHOR(S): USN
SOURCE(S): NATL AVC
COST: 28.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 000569) (AGENCY NO. MN02364H) 16MM, 16 MIN., OPTICAL SOUND, BLACK & WHITE.
DEMONSTRATES HOW TO INSPECT AND RECONDITION THE CYLINDER HEAD.

EPAW02336
CYLINDER HEAD AND PISTON
DATE: 43-00
AUTHOR(S): USN
TYPE(S): MP
CATEGORIES: 0
SOURCE(S): NATL AVC
COST: 35.25 P
LEVEL: 2
COPYRIGHT:
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 000570) (AGENCY NO. MN02364E) 16MM, 20 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS HOW TO DISASSEMBLE THE CYLINDER HEAD AND PISTON. TELLS HOW TO REMOVE VALVES AND CROSSHEADS AND SHOWS THE OTHER USAGE.

EPAW02337
CYLINDER HEAD REMOVAL
DATE: 45-00
AUTHOR(S): USN
TYPE(S): MP
CATEGORIES: 0
SOURCE(S): NATL AVC
COST: 38.50 P
LEVEL: 2
COPYRIGHT:
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 000571) (AGENCY NO. MN03708A) 16MM, 22 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS HOW TO REMOVE PISTON OILING COOLING TUBES, CYLINDER HEAD COVERS, TEST VALVE, ROCKER ARM ASSEMBLIES, TEST VALVES, AND PISTON COOLING OIL LINES.

EPAWC2338
DC MOTOR PART 1 MECHANICAL OVERHAUL
DATE: 45-00
AUTHOR(S): USOE
TYPE(S): MP
CATEGORIES: 0
SOURCE(S): NATL AVC
COST: 7.50 R
LEVEL: 2
COPYRIGHT:
SUBJECT AREAS:
MOTORS
REMARKS AND ABSTRACT:
(TITLE NO. 259917) (AGENCY NO. OE 392) 16MM, 20 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $35.25.
TELLS HOW TO TEST FOR ELECTRICAL AND MECHANICAL FAULTS, DISMANTLE DC MOTOR, TURN THE COMMUTATOR, REPAIR AND REPLACE FIELD COILS, ASSEMBLE THE MOTOR, AND ADJUST AND MAKE FINAL TESTS.

EPAWC2339
DC MOTOR PART 2 REWINDING
DATE: 45-00
AUTHOR(S): USOE
TYPE(S): MP
CATEGORIES: 0
SOURCE(S): NATL AVC
COST: 12.50 R
LEVEL: 2
COPYRIGHT:
SUBJECT AREAS:
MOTORS
REMARKS AND ABSTRACT:
(TITLE NO. 259918) (AGENCY NO. OE 393) 16MM, 37 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $63.50.
TELLS HOW TO DISMANTLE AND CLEAN AN ARMATURE CORE, DETERMINE COMMUTATOR PITCH, REINSULATE THE CORE, INSERT COILS, BAND AN ARMATURE, SHAPE COIL ENDS, LAY IN THE SOLDER LEADS, BALANCE AND IMPREGNATE THE ARMATURE, AND TURN A COMMUTATOR.

EPAW02340
DESALTING THE SEAS
AUTHOR(S): USAEC
SOURCE(S): NATL AVC
SUBJECT AREAS:
DESALINATION
COST: 67.50 P
TYPE(S): MP
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 67-00
REMARKS AND ABSTRACT:
(TITLE NO. 001533) 16MM, 17 MIN., OPTICAL SOUND, COLOR.
DESCRIBES THE VARIOUS METHODS OF PURIFYING SALINE WATERS THROUGH THE USE OF NUCLEAR ENERGY, WITH PARTICULAR EMPHASIS ON LARGE-SCALE DUAL PURPOSE NUCLEAR-ELECTRIC DESALTING PLANTS WHICH PURIFY WATER AND PRODUCE LARGE AMOUNTS OF ELECTRIC POWER SIMULTANEOUSLY.

EPAW02341
DESIGN AND CONTROL OF CONCRETE MIXES
AUTHOR(S): USFHWA
SOURCE(S): NATL AVC
SUBJECT AREAS:
PLANT CONSTRUCTION
COST: 15.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: D O
COPYRIGHT:
DATE: 71-00
REMARKS AND ABSTRACT:
(TITLE NO. 002063) 16MM, 35 MIN., OPTICAL SOUND, COLOR, PURCHASE PRICE: $150.75.
CONCERNS QUALITY CONTROL OF CONCRETE MIXES AT THE POINT OF USE AND DEMONSTRATES THE EFFECTS OF VARIOUS CONDITIONS AND MATERIALS ON THE QUALITY AND DURABILITY OF FINISHED CONCRETE. TEMPERATURE, TIME OF MIXING, GRADUATION OF THE SAND, TYPE OF AGGREGATE, WATER CEMENT RATIO AND AMOUNT OF AIR-ENTRAINING AGENT EACH AFFECT THE QUALITY OF A MIX. EMPHASIS IS PLACED ON DESIGNING A MIX FOR THE CONDITIONS UNDER WHICH IT WILL BE PLACED AND TESTING THE MIX AT THE CONSTRUCTION SITE BEFORE ALLOWING IT TO BE USED ON THE JOB.

EPAW02342
DEVELOPING COOPERATION
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS COMMUNICATIONS
COST: 25.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 45-00
REMARKS AND ABSTRACT:
(TITLE NO. 268550) (AGENCY NO. MN03425C) 16MM, 14 MIN., OPTICAL SOUND, BLACK & WHITE.
DISCUSSES THE IMPORTANCE OF CO-OPERATION OF WORKERS ON ANY JOB AND USES EXAMPLES IN INDUSTRY TO ILLUSTRATE GOOD AND POOR METHODS OF DEVELOPING CO-OPERATION.

EPAW02343
DIESEL ENGINE FUEL SYSTEMS
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
ENGINES
COST: 58.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 42-00
REMARKS AND ABSTRACT:
(TITLE NO. 271575) (AGENCY NO. MN00046A) 16MM, 40 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS THE BASIC STRUCTURE OF DIESEL FUEL SYSTEMS, PARTS AND OPERATION OF INJECTORS AND FUEL PUMPS, AND BOSCH, GENERAL MOTORS, AND EXCELLO EQUIPMENT.

EPAWC2344
DIESEL ENGINE GOVERNORS PART 1 WOODWARD GOVERNORS
AUTHOR(S): USN
SOURCE(S): NATL AVC COST: 25.50 P TYPE(S): MP LEVEL: 2 CATEGORIES: O COPYRIGHT: DATE: 44-00
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 271500) (AGENCY NO. MN00044A) 16MM, 14 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS THE OPERATION OF DIESEL ENGINE GOVERNORS AND EXPLAINS THE OPERATION OF OVERSPEED, OVERSPEED TRIP, AND REGULATING GOVERNORS.

EPAW02345
DIESEL ENGINE GOVERNORS PART 2 LIMITING SPEED MECHANICAL GOVERNORS
AUTHOR(S): USN
SOURCE(S): NATL AVC COST: 22.25 P TYPE(S): MP LEVEL: 2 CATEGORIES: O COPYRIGHT: DATE: 43-00
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 271501) (AGENCY NO. MN00044B) 16MM, 12 MIN., OPTICAL SOUND, BLACK & WHITE.
DISCUSSES THREE MAIN ASSEMBLIES OF THE GOVERNOR AND THEIR FUNCTIONS. REVIEWS THE OPERATION OF THE MANUAL FULL CONTROL TO EXPLAIN THE ACTION OF THE GOVERNOR THROUGH LOW, INTERMEDIATE, AND HIGH SPEED RANGES.

EPAW02346
DIESEL ENGINE
AUTHOR(S): USN
SOURCE(S): NATL AVC COST: 50.25 P TYPE(S): MP LEVEL: 2 CATEGORIES: O COPYRIGHT: DATE: 42-00
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 271650) (AGENCY NO. MN00042A) 16MM, 29 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS HOW IGNITION MAY BE ACHIEVED BY COMPRESSION. DESCRIBES BASIC DIESEL ENGINE TYPES AND DISCUSSES FORMS OF AIR HEADERS AND FUEL INJECTORS. AN INTRODUCTORY SURVEY FILM.

EPAW02347
DIESEL ENGINE SCAVENGING AND SUPERCHARGING DIESEL ENGINES
AUTHOR(S): USN
SOURCE(S): NATL AVC COST: 27.00 P TYPE(S): MP LEVEL: 2 CATEGORIES: O COPYRIGHT: DATE: 43-00
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 271675) (AGENCY NO. MN00042B) 16MM, 15 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS OPERATION OF TWO-STOKE CYCLE, SINGLE AND DOUBLE ACTING ENGINES, AND OPPOSED PISTON ENGINES. DISCUSSES METHOD OF SCAVENGING AND SUPERCHARGING AIR.

EPAW02348

DIESEL LUBRICATION AND COOLING SYSTEMS
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
COST: 17.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 43-00
LUBRICATION
(TITLE NO. 271775) (AGENCY NO. MN00045A) 16MM, 10 MIN., OPTICAL SOUND, BLACK & WHITE.
DESCRIBES PARTS OF DIESEL LUBRICATING AND COOLING SYSTEMS AND HOW THEY WORK IN RELATION TO EACH OTHER.

EPAW02349

DIESEL LUBRICATION AND COOLING SYSTEMS LUBRICATION OF THE GM 71 SERIES ENGINES
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
COST: 22.25 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 42-00
LUBRICATION
(TITLE NO. 001551) (AGENCY NO. MN 45-8) 16MM, 12 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS, BY THE USE OF ANIMATION, THE COURSE OF THE OIL THROUGH THE ENGINE - DESCRIBES HOW IT LUBRICATED EACH
COMPONENT PART AND EXPLAINS THE WORKING PRINCIPLE OF THE VENTILATION SYSTEM.

EPAW02350

DISASSEMBLING THE ENGINE
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
ENGINES
REMARKS AND ABSTRACT:
COST: 7.50 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 45-00
MAINTENANCE
LUBRICATION
(TITLE NO. 273350) (AGENCY NO. OE 268) 16MM, 13 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $28.75.
SHOWS HOW TO REMOVE THE OIL SUMP, VALVE TAPPET, AND GEAR CASE COVER ASSEMBLIES. TELLS HOW TO SEPARATE CRANKCASE,
REMOVE CRANKSHAFT ASSEMBLY AND CAMSHAFT, AND DISASSEMBLE CRANKSHAFT AND GEAR CASE COVER ASSEMBLIES.

EPAW02351

DISASSEMBLY
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
COST: 52.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 45-00
MOTORS
(TITLE NO. 000593) (AGENCY NO. MN03707A) 16MM, 30 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS HOW TO INSPECT BLOWER ROTORS AND PISTONS, REMOVE HEAD AND SCRAPE WEAR RIDGE, REMOVE CONNECTING ROD BEARING,
AND PULL ONE PISTON AND ONE LINER IN PISTON ASSEMBLY.

EPAWO2352 DATE: 55-00

DISASTER AID PUBLIC HEALTH ASPECTS.
AUTHOR(S): USNMAC
SOURCE(S): NATL AVC COST: 19.25 P
TYPE(S): MP CATEGORIES: P
LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
DISASTERS FLOODS ADMINISTRATIVE AGENCIES PUBLIC HEALTH
EMERGENCY OPERATIONS
REMARKS AND ABSTRACT:
(TITLE NO. 273400) (AGENCY NO. M-0198) 16MM, 11 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLAINS THE HEALTH PROBLEMS CREATED BY NATURAL DISASTERS AND THE METHODS USED TO SOLVE THESE PROBLEMS, USING AS AN EXAMPLE A FLOOD, AND THE ROLE OF LOCAL, STATE, AND FEDERAL HEALTH AGENCIES IN COMBATING THE RESULTANT PUBLIC HEALTH DANGERS.

EPAWC2353 DATE: 52-00

DRILLING A WELL BY THE PERCUSSION METHOD
AUTHOR(S): USNMAC
SOURCE(S): NATL AVC COST: 21.25 P
TYPE(S): MP CATEGORIES: O
LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
GROUNDWATER WATER WELLS
REMARKS AND ABSTRACT:
(TITLE NO. 279950) (AGENCY NO. 0046) 16MM, 6 MIN., OPTICAL SOUND, COLOR.
EXPLAINS THE PERCUSSION WELL-DRILLING RIG, THE WELL DRILLING TOOL, PROCEDURES IN DRILLING THE WELL, INSTALLATION OF CASINGS, AND USE OF A BAILER IN REMOVING SLUDGE AND DIRTY WATER. USER SHOULD SUPPLEMENT FILM WITH CURRENT DATA.

EPAWC2355 DATE: 75-00

ASSESSING POTENTIAL OCEAN POLLUTANTS
AUTHOR(S): OCEAN AFFAIRS BOARD NAS
SOURCE(S): NAS COST: 6.75 P
TYPE(S): PM CATEGORIES: E T
LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
MARINE POLLUTION SPILLS (OIL) ANALYTICAL TECHNIQUES AGROCHEMICALS
REMARKS AND ABSTRACT:
438PP.
REPORTS THE RESULTS OF A STUDY TO FIND WAYS TO PREDICT WHICH OF THE THOUSANDS OF SUBSTANCES THAT ENTER THE OCEAN SYSTEM THROUGH INDUSTRIAL, AGRICULTURAL, OR DOMESTIC ACTIVITIES MIGHT HAVE AN UNDESIRABLE ENVIRONMENTAL IMPACT OR JEOPARDIZE FUTURE OCEAN RESOURCES. DESCRIBES GENERAL METHODS FOR SCREENING POLLUTANTS ACCORDING TO SUCH CHARACTERISTICS AS PRODUCTION RATE, ENVIRONMENTAL PERSISTENCE, TOXICITY, AND BIOACCUMULATION. INCLUDES CASE STUDIES THAT ASSESS POTENTIAL EFFECTS OF TRANSURANIC ELEMENTS, SYNTHETIC ORGANIC CHEMICALS, METALLIC WASTES, AND MARINE LITTER.

EPAWC2356 DATE: 75-00

UNDERGROUND DISPOSAL OF COAL MINE WASTES
AUTHOR(S): NAS
SOURCE(S): NAS COST: 6.25 P
TYPE(S): PM CATEGORIES: P
LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
UNDERGROUND DISPOSAL ACID MINE DRAINAGE
REMARKS AND ABSTRACT:
172PP.
ASSESSES THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF RETURNING COAL MINE WASTES TO MINED OUT VOIDS. THIS DISPOSAL METHOD APPEARS TO BE TECHNOLOGICALLY FEASIBLE IN MOST ABANDONED MINES AND IN ACTIVE MINES WHERE LONGWALL MINING OR PARTIAL RECOVERY IS PRACTICED. CONSIDERATIONS INCLUDE LOSS OF POTENTIALLY RECOVERABLE COAL, LOSSES IN PRODUCTIVITY, SAFETY OF MINES, AND GROUNDWATER CONTAMINATION. PNEUMATIC, HYDRAULIC, AND MECHANICAL BACKFILLING METHODS ARE DISCUSSED.

EPAW02390
DESIGNING WATER POLLUTION DETECTION SYSTEMS DATE: 74-00
AUTHOR(S): WRIGHT G P OLSON D G TYPE(S): PM CATEGORIES: D E L M O
SOURCE(S): BALLINGER COST: 17.50 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
MONITORING STATISTICAL DATA LAWS AND REGULATIONS ADMINISTRATIVE AGENCIES
HAZARDOUS POLLUTANTS LAKES MARINE POLLUTION ANALYTICAL TECHNIQUES
SPILLS (OIL) ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
228PP.
PRESENTS A SYSTEM ANALYSIS OF OIL AND HAZARDOUS MATERIALS DETECTION ON THE U.S. COASTAL WATERS AND GREAT LAKES. POLLUTION STATISTICS FOR SEVERAL YEARS ARE CONTAINED IN THE BOOK. GIVES PROCEDURES FOR DESIGNING POLLUTION SURVEILLANCE SYSTEMS FOR USE WITH SENSOR EQUIPPED AIRCRAFT. DESCRIBES GOVERNMENT AGENCIES RESPONSIBILITIES IN POLLUTION CONTROL. LAWS DESCRIBED.

EPAW02393
ECOLOGICAL MODELING IN A RESOURCE MANAGEMENT FRAMEWORK DATE: 75-08
AUTHOR(S): RUSSELL C S TYPE(S): PM CATEGORIES: P T
SOURCE(S): JOHNS HOPK COST: 6.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
SYSTEMS ANALYSIS AND MODELING ECOSYSTEMS
REMARKS AND ABSTRACT:
394PP.
PRESENTS THE PAPERS PREPARED FOR A 1974 SYMPOSIUM SPONSORED BY RESOURCES FOR THE FUTURE AND THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND AN EDITED TRANSCRIPT OF THE DISCUSSION. THE INTENTION OF THE SYMPOSIUM WAS TO VIEW AQUATIC ECOLOGICAL MODELING IN THE FRAMEWORK OF RESOURCE MANAGEMENT.

EPAW02394
ENVIRONMENTAL EDUCATION A GUIDE TO INFORMATION SOURCES DATE: 75-00
AUTHOR(S): STAPP W B SISTON M D TYPE(S): PM CATEGORIES: E
SOURCE(S): GALE COST: 19.00 P LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
ENVIRONMENTAL CONTROL INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
225PP.
THIS ANNOTATED BIBLIOGRAPHY BRINGS TOGETHER A DIVERSE SET OF INFORMATION SOURCES THAT FOCUS ON THE RATIONALE AND METHODS OF COMMUNICATING ENVIRONMENTAL AWARENESS AND MOTIVATING ACTION TO SOLVE ENVIRONMENTAL PROBLEMS. THE INDEXED VOLUME LSTS AND DESCRIBES SOURCES OF MATERIALS, INFORMATION, AND SUPPORT--EDUCATIONAL, CONSULTATIVE, AND FINANCIAL--FOR ENVIRONMENTAL EFFORTS AT ALL EDUCATIONAL LEVELS. THIS WORK IS VOLUME 1 IN GALE'S MAN AND THE ENVIRONMENT INFORMATION GUIDE SERIES.

EPAW02401
POLLUTION CONTROL IN THE ASBESTOS CEMENT GLASS AND ALLIED MINERAL INDUSTRIES
AUTHOR(S): SITTIG M
SOURCE(S): NOYES
SUBJECT AREAS:
INDUSTRIAL WASTES
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-00
REMARKS AND ABSTRACT:
333PP.; (ISBN 0-8155-0578-7).
DUST IS THE MAJOR PROBLEM HERE, AND DUST RECLAMATION AT THE SOURCE IS AN ECONOMIC NECESSITY. REPORTS OF ACCOMPLISHMENTS AND PROPOSED TECHNICAL SOLUTIONS ARE AFFORDED BY THIS BOOK.

EPAW02402
POLLUTION CONTROL IN THE PLASTICS AND RUBBER INDUSTRY
AUTHOR(S): SITTIG M
SOURCE(S): NOYES
SUBJECT AREAS:
INDUSTRIAL WASTES
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 75-00
REMARKS AND ABSTRACT:
(ISBN 0-8155-0572-8), 306PP.
COMPREHENSIVE TREATISE ON PLASTICS AND RUBBER MANUFACTURING PROCESSES AND PRODUCT FINISHING.

EPAWC2403
WASTE OIL RECOVERY AND DISPOSAL
AUTHOR(S): KIMBALL W S
SOURCE(S): NOYES
SUBJECT AREAS:
INDUSTRIAL WASTES
SPILLS (OIL)
COST: 24.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
RESOURCE RECOVERY
DATE: 75-00
REMARKS AND ABSTRACT:
(ISBN 0-8155-0592-5), 270PP.
RECOVERY VERSUS DISPOSAL OF USED PETROLEUM OILS ARE DISCUSSED AND TECHNOLOGICAL PROCESS DETAILS ARE GIVEN. AN INTERESTING DISPOSAL TECHNIQUE IS SPREADING THE WASTE OIL OVER DESIGNATED LAND AREAS WHERE MICROBIAL DECOMPOSITION IS INDUCED BY SELECTED SOIL BACTERIA.

EPAW02404
PHYSICAL SCIENCE READINGS ON THE ENVIRONMENT
AUTHOR(S): WILSON J D
BAKER S D
SOURCE(S): HEATH
SUBJECT AREAS:
ECOSYSTEMS
COST: 6.95 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: T
COPYRIGHT:
DATE: 74-00
REMARKS AND ABSTRACT:
384PP.
INTRODUCTION TO INTERACTION OF PHYSICAL, CHEMICAL AND BIOLOGICAL PROCESSES IN NATURE.

EPAW02405
POLLUTION IN THE ELECTRIC POWER INDUSTRY ITS CONTROL AND COSTS
AUTHOR(S): SCOTT D L
SOURCE(S): HEATH
SUBJECT AREAS:
ELECTRIC POWER
COST: 10.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M
COPYRIGHT:
DATE: 73-00
REMARKS AND ABSTRACT:
(LC 73-6559) (ISBN 0-669-99219-X), 128PP.; NOTES, FIGURES, TABLES, BIBLIOGRAPHY, INDEX.
EXAMINES PRESENT AND FUTURE ENVIRONMENTAL CONCERNS ASSOCIATED WITH THE GENERATION OF ELECTRICAL POWER. AN ECONOMIC ANALYSIS OF A TECHNICAL PROBLEM AND AN OVERVIEW OF THE ELECTRIC POWER INDUSTRY AS A WHOLE. THE NATURE OF GOVERNMENTAL REGULATION OVER THE INDUSTRY IS SEEN AS THE DETERMINING FACTOR IN DECIDING WHO WILL ABSORB INCREASED COSTS.

EPAW02409
PROCEEDINGS OF SYMPOSIUM ON WATER POLLUTION ASSESSMENT AUTOMATIC SAMPLING AND MEASUREMENT
AUTHOR(S): ASTM
SOURCE(S): ASTM
SUBJECT AREAS:
MONITORING
SAMPLING
WASTEWATER CHARACTERISTICS
COST: 6.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: M T
COPYRIGHT:
DATE: 75-00
REMARKS AND ABSTRACT:
126PP.
SERIES OF PAPERS ON MONITORING OF WATER.

EPAW02413
DYES AND THE ENVIRONMENT VOLUME I
AUTHOR(S): AMER DYE
SOURCE(S): AMER DYE
SUBJECT AREAS:
HEAVY METALS
INDUSTRIAL WASTES
COLOR
AQUATIC MICROBIOLOGY
TOXICITY TO FISH
COST: 15.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: M T
COPYRIGHT:
DATE: 73-09
REMARKS AND ABSTRACT:
COST OF TWO VOLUME SET: $25.00.
EXAMINES HEAVY METAL CONTENT OF DYES. PROVIDES COLOR MEASUREMENT METHOD. EXAMINES TOXICITY OF DYES TO FISH, AEROBIC AND ANAEROBIC ORGANISMS.

EPAW02418
CHLORINE TANK CAR UNLOADING
AUTHOR(S): CHLOR INST
SOURCE(S): CHLOR INST
SUBJECT AREAS:
CHLORINE
SAFETY (CHEMICAL)
COST: 1.75 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 75-02
REMARKS AND ABSTRACT:
(NO. 61), 20PP.; DRAWINGS.
PROVIDES RECOMMENDATIONS AND USEFUL INFORMATION TO ANYONE CONCERNED WITH RECEIVING, INSPECTING AND UNLOADING FROM SINGLE-UNIT AND MULTIPLE-UNIT CHLORINE TANK CARS.

EPAW02419

OPERATION AND MAINTENANCE OF WASTEWATER COLLECTION SYSTEMS — DATE: 76-00

AUTHOR(S): KERRI K BRADY J — TYPE(S): PM SL — CATEGORIES: M O S T

SOURCE(S): SACRAMENTO — COST: 30.00 P — LEVEL: 2 — COPYRIGHT:

SUBJECT AREAS:

COLLECTION SYSTEMS	OPERATIONS (WASTEWATER)	PUMPS	PREVENTIVE MAINTENANCE
MAINTENANCE (WASTEWATER)	TROUBLESHOOTING	INSTRUMENTATION (PLANT)	SAFETY
GLOSSARIES	TECHNICAL WRITING		

REMARKS AND ABSTRACT:

APPROX. 1000PP., 300 SLIDES, INSTRUCTORS MANUAL, $10.00.
WRITTEN BY EXPERIENCED COLLECTION SYSTEM WORKERS (MAINTENANCE MEN) WITH THE INTENT OF PROVIDING COLLECTION SYSTEMS WORKERS WITH THE INFORMATION THEY NEED TO KNOW TO OPERATE AND MAINTAIN THEIR COLLECTION SYSTEMS AS SAFELY AND AS EFFICIENTLY AS POSSIBLE. TOPICS COVERED INCLUDE JOB OPPORTUNITIES, WHY OPERATION AND MAINTENANCE, COMPONENTS OF SYSTEM, REVIEW OF PLANS AND SPECS, INSPECTION, TESTING, TELEVISING SEWERS, BALLING HIGH VELOCITY CLEANERS, SCOOTERS, KITES, RODDING, BUCKETS, REPAIRS, LIFT STATIONS, MAINTENANCE, RECORDS.

EPAW02421

ENVIRONMENTAL IMPACT STATEMENT A REFERENCE MANUAL FOR THE ARCHITECT PLANNER — DATE: 74-00

AUTHOR(S): LEE K — TYPE(S): PM — CATEGORIES: E

SOURCE(S): EDRC — COST: 52.00 P — LEVEL: 2 — COPYRIGHT: C

SUBJECT AREAS:

ENVIRONMENTAL IMPACT STMTS	MANUALS	PLANT CONSTRUCTION	ADMINISTRATIVE AGENCIES

REMARKS AND ABSTRACT:

265PP., (ISBN 0-915250-06-3).
CONTAINS DETAILED PROCEDURE AND CONTENT REQUIREMENTS FOR WRITING ENVIRONMENTAL IMPACT STATEMENT. DETAILS AN ENVIRONMENTAL IMPACT ANALYSIS METHOD THAT CONSISTS OF FOUR STEPS: INVENTORY, GOALS, ANALYSIS, AND EVALUATION. INCLUDES AN ENVIRONMENTAL INFORMATION MATRIX OF 400 EXISTING ENVIRONMENTAL CHARACTERISTICS AND 200 PROPOSED ACTIONS. TELLS YOU WHO PREPARES EIS, WHO ARE THE AUDIENCE, THE COST OF WRITING ONE, WHEN AND WHAT TO WRITE, AND MORE.

EPAW02422

ENVIRONMENTAL LAW HANDBOOK — DATE: 75-00

AUTHOR(S): ARBUCKLE BAUM — TYPE(S): PM — CATEGORIES: L

SOURCE(S): GOVT INST — COST: 29.50 P — LEVEL: 3 — COPYRIGHT:

SUBJECT AREAS:

MANUALS	LAWS AND REGULATIONS	POLLUTANTS

REMARKS AND ABSTRACT:

320PP.; AUTHORS: MILLER AND SULLIVAN, ATTORNEYS AT LAW.
VIEWS ON THE MAJOR FEDERAL LAWS AND REGULATIONS IN THE FIELDS OF AIR, WATER, NOISE, PESTICIDES AND TOXIC SUBSTANCES, SOLID WASTE AND LAND USE. EXAMINES IN LAYMEN'S TERMS EACH OF THESE TOGETHER WITH THEIR REQUIREMENTS AND RAMIFICATIONS ON INDUSTRY, GOVERNMENT AND THE PUBLIC.

EPAWC2423
ENVIRONMENTAL LAW FOR NON LAWYERS (OUT OF PRINT) DATE: 74-00
AUTHOR(S): ARBUCKLE J G SCHROEDER S TYPE(S): PM CATEGORIES:
SOURCE(S): GOVT INST COST: 29.50 P LEVEL: COPYRIGHT:
SUBJECT AREAS:
LAWS AND REGULATIONS
REMARKS AND ABSTRACT:
295PP.; AUTHOR: T. SULLIVAN (OUT OF PRINT)

EPAW02432
INTERBASIN WATER TRANSFERS A CASE IN MEXICO DATE: 74-00
AUTHOR(S): CUMMINGS R G TYPE(S): PM CATEGORIES: P T D
SOURCE(S): FUTURE COST: 7.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
RESERVOIRS WATER RESOURCES AGRICULTURE MEXICO
REMARKS AND ABSTRACT:
(NO. 0-8018-1648-3), 144PP.
PROVIDES MODELS AND METHODS FOR EVALUATING THE FEASIBILITY OF INTERBASIN WATER TRANSFERS. AMONG SEVERAL SECONDARY IMPACTS OF THE CASE STUDIED, THE MOST NOTABLE IS POSSIBLE EFFECTS ON URBAN AREAS OF CHANGES IN THE PATTERN OF AGRICULTURAL PRODUCTION. SETS FORTH PRINCIPLES OF RESERVOIR MANAGEMENT AND WATER ALLOCATION THAT MAXIMIZE THE NET VALUE OF AGRICULTURAL PRODUCTION IN AREAS HEAVILY DEPENDENT ON IRRIGATION.

EPAW02435
LAKE SUPERIOR DATE: 74-00
AUTHOR(S): AGASSIZ L TYPE(S): PM CATEGORIES: E
SOURCE(S): KRIEGER COST: 16.50 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
GREAT LAKES WATER QUALITY
REMARKS AND ABSTRACT:
496PP. 17 ILLUSTRATIONS.
ENCOMPASSES MANY FIELDS OF NATURAL HISTORY AS WELL AS REPRESENTING AN INTERESTING DOCUMENT OF AMERICAN LORE.

EPAW02438
OZONE CHEMISTRY AND TECHNOLOGY A REVIEW OF THE LITERATURE DATE: 75-00
AUTHOR(S): MURPHY J S ORR J R TYPE(S): PM CATEGORIES: E O T
SOURCE(S): FRANKLIN COST: 30.00 P LEVEL: 2 COPYRIGHT: C
SUBJECT AREAS:
OZONE INDEXES AND BIBLIOGRAPHIES
REMARKS AND ABSTRACT:
392PP., FRANKLIN INSTITUTE PRESS, PHILADELPHIA. STATE OF THE ART REVIEWS.
THIS COMPREHENSIVE BIBLIOGRAPHIE ON NINE ASPECTS OF OZONE CHEMISTRY COVERS THE WORLD LITERATURE FROM 1961 TO 1974 INCLUDING PERIODICALS, PATENTS, AND CONFERENCE PROCEEDINGS. EACH CHAPTER, SUCH AS "OZONE TREATMENT OF WASTE WATER" INCLUDES AN OVERVIEW OF THE SUBJECT BY AN EXPERT FOLLOWED BY SUPPORTIVE BIBLIOGRAPHIC MATERIAL. AN AUTHOR INDEX IS PROVIDED AS WELL AS A HIERARCHICALLY ARRANGED SUBJECT INDEX.

EPAW02446
PROCESS DESIGN TECHNIQUES FOR INDUSTRIAL WASTE TREATMENT DATE: 74-00
AUTHOR(S): ADAMS C E ECKENFELDER W W TYPE(S): PM CATEGORIES: D E M T
SOURCE(S): AWARE COST: 17.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
PLANT PERFORMANCE WASTEWATER TREATMENT DESIGN
REMARKS AND ABSTRACT:
275PP.
PRESENTS A LOGICAL SEQUENCE OF DESIGN TECHNIQUES SO THAT PARAMETERS, DEVELOPED FROM LABORATORY AND PILOTSCALE INVESTIGATIONS, MIGHT BE EFFECTIVELY INCORPORATED INTO A FINAL PROCESS DESIGN. A SINGLE INDUSTRIAL WASTE IS TREATED BY MOST OF THE WIDELY-USED UNIT PROCESSES SO THAT A TOTAL WASTE TREATMENT SYSTEM IS EVOLVED. THIS APPROACH ALLOWS NOT ONLY THE OPTIMIZATION OF EACH INDIVIDUAL OPERATION, BUT PRESENTS THE OVERALL VIEW OF INTEGRATING APPLICABLE PROCESSES TO ACHIEVE AN OPTIMIZED WASTE TREATMENT FACILITY.

EPAW02449
SELECTED METHODS IN THE DETERMINATION OF FIRST ROW TRANSITION METALS IN NATURAL FRESH WATER DATE: 75-00
AUTHOR(S): WHITNEY R G RISBY T H TYPE(S): PM CATEGORIES: O
SOURCE(S): PA STATE U COST: 3.50 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
ANALYTICAL TECHNIQUES HEAVY METALS
REMARKS AND ABSTRACT:
94PP.
COVERS INTRODUCTION, SAMPLING PROCEDURES, AND SOURCES OF HEAVY METALS IN WATER. ALSO, SELECTED OPTICAL, ELECTROCHEMICAL, AND MISCELLANEOUS METHODS. OUTLINES A PROCEDURE FOR COMPARISON OF THESE METHODS.

EPAW02452
URBAN RUNOFF QUANTITY AND QUALITY DATE: 75-00
AUTHOR(S): WHIPPLE W TYPE(S): PM CATEGORIES: T D
SOURCE(S): ASCE COST: 10.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
URBAN IMPACT
REMARKS AND ABSTRACT:
272PP.
AN ENGINEERING ANALYSIS OF URBAN RUNOFF PROBLEMS.

EPAW02455
WATER AND WASTE TREATMENT DATA BOOK DATE: 75-00
AUTHOR(S): PERMUTIT TYPE(S): PM CATEGORIES: D
SOURCE(S): PERMUTIT COST: 2.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
EQUIPMENT (PLANT) MANUALS
REMARKS AND ABSTRACT:
137PP.
COMPILATION OF DESIGN BULLETINS FOR WATER, WASTEWATER AND TERTIARY TREATMENT EQUIPMENT.

EPAW02459

STEVENS WATER RESOURCES DATA BOOK
AUTHOR(S): STEVENS
SOURCE(S): LEUPOLD
SUBJECT AREAS:
FLOW MEASUREMENT
REMARKS AND ABSTRACT:

LEUPOLD
COST: 4.00 P
FLOWMETERS

TYPE(S): PM
LEVEL: 1
WATER METERS

CATEGORIES: D E M O T
COPYRIGHT:
HYDROLOGY

DATE: 74-00

160PP., TEXT, ILLUSTRATIONS, COMB BINDING.
USEFUL GUIDE FOR BOTH NOVICE AND TRAINED HYDROLOGIST INCLUDES INFORMATION ON THE HYDROLOGIC CYCLE, WATER LEVEL MEASUREMENT METHODS FROM ANCIENT TO MODERN TIMES, FLOAT WELLS AND INSTRUMENT SHELTERS, OPEN CHANNEL FLOW MEASUREMENT, MEASURING FLOWS IN MANHOLES, WELL MEASUREMENT, WEIR AND FLUME TABLES AND MANY HELPFUL CONVERSION TABLES INCLUDING DATA ON THE METRIC SYSTEM.

EPAW02461

DYES AND THE ENVIRONMENT VOLUME 2
AUTHOR(S): AMER DYE
SOURCE(S): AMER DYE
SUBJECT AREAS:
AEROBIC TREATMENT
REMARKS AND ABSTRACT:

COST: 15.00 P
ALGAE

TYPE(S): PM
LEVEL: 2
TOXICITY TO FISH

CATEGORIES: M T
COPYRIGHT:
INDUSTRIAL WASTES

DATE: 74-09

COST OF TWO VOLUME SET: $25.00.
EXAMINES TOXICITY OF DYES TO ALGAE AND TO FISH. EXAMINES EFFECT OF BIOLOGICAL TREATMENT OF DYES ON TOXICITY TO FISH.

EPAW02462

ELECTRICAL CIRCUIT FAULTS
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
ELECTRIC POWER
REMARKS AND ABSTRACT:

COST: 7.50 R
TROUBLESHOOTING

TYPE(S): MP
LEVEL: 2

CATEGORIES: O
COPYRIGHT:

DATE: 45-00

(TITLE NO. 293700) (AGENCY NO. OE 375) 16MM, 19 MIN., OPTICAL SOUND, BLACK & WHITE, SALE PRICE: $33.75.
SHOW HOW TO TEST FOR AND LOCATE COMMON CIRCUIT FAULTS, SUCH AS GROUNDS, RESISTANCE DETERIORATION AND INTERFERENCE IN CIRCUITS.

EPAW02463

ELECTRICAL EQUIPMENT MASTER OR SERVANT
AUTHOR(S): USBM
SOURCE(S): NATL AVC
SUBJECT AREAS:
ELECTRIC POWER
REMARKS AND ABSTRACT:

COST: 75.75 P
SAFETY (FIRES)

TYPE(S): MP
LEVEL: 3
MOTORS

CATEGORIES: T O O
COPYRIGHT:

DATE: 65-00

(TITLE NO. 003559) 16MM, 18 MIN., OPTICAL SOUND, COLOR.
DEMONSTRATES HOW ELECTRICAL EQUIPMENT CAN ACT AS IGNITION SOURCES TO CAUSE FIRES AND EXPLOSIONS IN GASEOUS ATMOSPHERES. THE USE OF PERMISSIBLE, EXPLOSION-PROOF EQUIPMENT IS THEN DEMONSTRATED, SHOWING HOW IGNITIONS ARE PREVENTED, AND PRECAUTIONS ARE OUTLINED FOR WORKING WITH ELECTRICAL EQUIPMENT. REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, US DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PA 15313. THEN ORDER FROM NATL AVC.

DATE: 45-00

EPAWC2464
ENGINE ASSEMBLY
AUTHOR(S): USOE
SOURCE(S): NATL AVC
COST: 7.50 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
ENGINES MAINTENANCE
REMARKS AND ABSTRACT:
(TITLE NO. 303100) (AGENCY NO. OE 463) 16MM, 19 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $33.75.
SHOWS HOW TO CHECK THE CYLINDER HEAD AND BLOCK, INTAKE AND EXHAUST MANIFOLDS, UNDER-CHASSIS PARTS, VALVE MECHANISM AND ADJUSTING TAPPETS, VENTS, SCREW AND AIR FILTERS, OIL FILTER AND LINES AND CYLINDER DEPRESSION.

DATE: 70-00

EPAWC2465
ERIC A SERIES
AUTHOR(S): USFDA
SOURCE(S): NATL AVC
COST: 5.00 P
TYPE(S): FS
LEVEL: 2
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES INFORMATION SYSTEMS
REMARKS AND ABSTRACT:
(TITLE NO.001671) 35 MM, 25 FRAMES, RECORD, COLOR.
SHOWS THE ORGANIZATION AND USE OF THE EDUCATIONAL RESOURCES INFORMATION CENTER, A NATIONAL INFORMATION NETWORK FOR ACQUIRING, ABSTRACTING, INDEXING, STORING, AND DISSEMINATING SIGNIFICANT AND TIMELY EDUCATIONAL RESEARCH AND PROGRAM DESCRIPTIONS.

DATE: 44-00

EPAWC2466
EVERY MINUTE COUNTS
AUTHOR(S): USCG
SOURCE(S): NATL AVC
COST: 5.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
SUPERVISION
REMARKS AND ABSTRACT:
(TITLE NO. 309300) (AGENCY NO. OE 161) 16MM, 10 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS THE PROBLEMS OF A NEW SUPERVISOR IN HANDLING LATENESS, LOAFING, AND ABSENTEEISM. TELLS HOW HE LEARNS TO DEAL WITH INDIVIDUAL CASES.

DATE: 58-00

EPAWC2467
FIRE PREVENTION KNOW YOUR FIRE HAZARDS
AUTHOR(S): USN
SOURCE(S): NATL AVC
COST: 82.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
FIRES
REMARKS AND ABSTRACT:
(TITLE NO. 326900) (AGENCY NO. MN083308) 16MM, 20 MIN., OPTICAL SOUND, COLOR.
DESCRIBES THE FIRE CHARACTERISTICS OF CERTAIN MATERIALS USED AT WORK AND THEIR POTENTIAL DANGER.

EPAWC2468
FIRE PREVENTION THE NATURE OF FIRE DATE: 59-00
AUTHOR(S): USN TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 66.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
SAFETY (FIRES) FIRES
REMARKS AND ABSTRACT:
(TITLE NO. 326725) (AGENCY NO. MN08330A) 16MM, 16 MIN., OPTICAL SOUND, COLOR.
USES ANIMATION TO SHOW THAT A FIRE HAS THREE ESSENTIAL ELEMENTS--OXYGEN, TEMPERATURE AND FUEL--AND THAT A FIRE CAN BE CONTROLLED BY THE ELIMINATION OF ANY ONE OF THESE ELEMENTS.

EPAWC2469
FIRST AID FOR ALL HANDS DATE: 59-00
AUTHOR(S): USN TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 23.75 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
(TITLE NO. 327475) (AGENCY NO. MN08198A) 16MM, 13 MIN., OPTICAL SOUND, BLACK & WHITE.
ESTABLISHES THE FRAMEWORK OF SIX FILMS BY PRESENTING A SYSTEMATIC APPROACH TO THE EXAMINATION OF AN INJURED PERSON AND BY ESTABLISHING THE PRIORITY FOR VARIOUS FIRST AID TREATMENT PROCEDURES.

EPAWC247C
FIRST AID FOR ALL HANDS ASPHYXIA DATE: 59-CC
AUTHOR(S): USN TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 27.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
(TITLE NO. 327476) (AGENCY NO. MN08198B) 16MM, 15 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS HOW TO RECOGNIZE AND TREAT ASPHYXIA, AND POINT OUT SOME PRECAUTIONS TO OBSERVE IN RESCUING ASPHYXIATED PERSONS. DEMONSTRATES METHODS OF APPLYING ARTIFICIAL RESPIRATION, WITH EMPHASIS UPON THE BASIC ELEMENTS INHERENT IN ALL METHODS.

EPAWC2471
FIRST AID FOR ALL HANDS BLEEDING DATE: 59-00
AUTHOR(S): USN TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 27.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
(TITLE NO. 327477) (AGENCY NO. MN08198C) 16MM, 15 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS HOW TO RECOGNIZE AND TREAT INJURIES INVOLVING VARIOUS KINDS OF BLEEDING. INCLUDES EXAMPLES OF LIFE THREATENING BLEEDING. DEMONSTRATES IN DETAIL HOW AND WHEN TO USE THE PRESSURE DRESSING, ELEVATION, OR THE TOURNIQUET.

EPAW02472
FIRST AID FOR ALL HANDS BURNS
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 22.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 59-00
REMARKS AND ABSTRACT:
(TITLE NO. 327478) (AGENCY NO. MN08188E) 16MM, 12 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLAINS HOW TO RECOGNIZE THE SEVERITY OF A BURN. SHOWS HOW TO GIVE FIRST AID FOR A THERMAL OR CHEMICAL BURN.
DEMONSTRATES HOW TO RELIEVE PAIN, PREVENT SHOCK, AND PREVENT INFECTION.

EPAW02473
FIRST AID FOR ALL HANDS FRACTURES
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 42.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 59-00
REMARKS AND ABSTRACT:
(TITLE NO. 001689) (AGENCY NO. MN8188D) 16MM, 24 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS HOW TO RECOGNIZE AND TREAT A FRACTURE WITH EMPHASIS UPON FRACTURES OF THE EXTREMETIES, SKULL, SPINE, AND PELVIS.

EPAW02474
FIRST AID FOR ALL HANDS HANDLING AND TRANSPORTING
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 23.75 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 59-00
REMARKS AND ABSTRACT:
(TITLE NO. 327399) (AGENCY NO. MN08188F) 16MM, 13 MIN., OPTICAL SOUND, BLACK & WHITE.
OUTLINES THE PRINCIPLES FOR HANDLING AND TRANSPORTING OF INJURED PERSONS.

EPAW02475
FIRST AID FOR BLEEDING
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 71.50 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 57-00
REMARKS AND ABSTRACT:
(TITLE NO. 000601) (AGENCY NO. MN08192) 16MM, 21 MIN., OPTICAL SOUND, COLOR.
SHOWS HOW TO RECOGNIZE THE THREE TYPES OF BLEEDING-ARTERIAL, VENOUS, AND CAPILLARY-AND HOW TO TREAT EACH TYPE.

EPAW02476
FIRST AID FOR BURNS
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 78.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 57-00
REMARKS AND ABSTRACT:
(TITLE NO. 327460) (AGENCY NO. MN08185) 16MM, 23 MIN., OPTICAL SOUND, COLOR.
EXPLAINS THE FIRST AID TREATMENT FOR BURNS--TO RELIEVE PAIN, TO PREVENT OR TREAT SHOCK, AND TO PREVENT INFECTION.
EMPHASIZES THE NECESSITY FOR GIVING PROMPT AND APPROPRIATE FIRST AID CARE.

EPAW02477
FIRST AID FOR FRACTURES INTRODUCTION
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 51.75 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 55-00
REMARKS AND ABSTRACT:
(TITLE NO. 327500) (AGENCY NO. MN08184A) 16MM, 15 MIN., OPTICAL SOUND, COLOR.
EXPLAINS RECOGNITION AND GENERAL FIRST AID TREATMENT OF FRACTURES, WITH EMPHASIS ON FRACTURES OF THE EXTREMETIES,
INCLUDES DESCRIPTIONS OF THE BASIC TYPES OF FRACTURES--GREENSTICK, IMPACTED, AND COMMINUTED.

EPAW02478
FIRST AID FOR FRACTURES SKULL SPINE AND PELVIS
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 45.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 55-00
REMARKS AND ABSTRACT:
(TITLE NO. 327505) (AGENCY NO. MN08184B) 16MM, 13 MIN., OPTICAL SOUND, COLOR.
EXPLAINS THE SERIOUSNESS OF FRACTURES OF THE SKULL, SPINE, AND PELVIS. THROUGH A SERIES OF SIMULATED CASES,
DEPICTS SPECIFIC PROCEDURES FOR RECOGNIZING AND TREATING EACH OF THESE TYPES OF FRACTURES.

EPAW02479
FIRST AID FOR FRACTURES THOMAS LEG SPLINT
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 14.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 56-00
REMARKS AND ABSTRACT:
(TITLE NO. 327510) (AGENCY NO. MN08184E) 16MM, 8 MIN., OPTICAL SOUND, BLACK & WHITE.
DEMONSTRATES STEP-BY-STEP HOW TO APPLY A THOMAS LEG SPLINT (HALF-RING) TO IMMOBILIZE ANY FRACTURE OF THE THIGH,
KNEE OR LEG.

EPAWC248C
FIRST AID FOR FRACTURES TRIANGULAR ARM SPLINT
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 11.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 56-0C
REMARKS AND ABSTRACT:
(TITLE NO. 327515) (AGENCY NO. MN08194C) 16MM, 6 MIN., OPTICAL SOUND, BLACK & WHITE.
DEMONSTRATES STEP-BY-STEP HOW TO APPLY A TRIANGULAR ARM SPLINT, AND SHOWS HOW IT IS EMPLOYED IN COMBINATION WITH A SINGLE PADDED BASSWOOD SPLINT FOR FRACTURES OF THE UPPER OR LOWER ARM.

EPAW02481
FIRST AID FOR FRACTURES UNIVERSAL LEG SPLINT
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 9.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 56-00
REMARKS AND ABSTRACT:
(TITLE NO. 327520) (AGENCY NO. MN08184D) 16MM, 5 MIN., OPTICAL SOUND, BLACK & WHITE.
DEMONSTRATES STEP-BY-STEP HOW TO APPLY A UNIVERSAL LEG SPLINT TO FRACTURES OF THE LOWER EXTREMITY.

EPAW02482
FIRST AID FOR HEAT STROKE AND HEAT EXHAUSTION
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 65.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 57-0C
REMARKS AND ABSTRACT:
(TITLE NO. 000602) (AGENCY NO. MN08186) 16MM, 19 MIN., OPTICAL SOUND, COLOR.
DEMONSTRATES HOW TO RECOGNIZE AND TREAT HEAT STROKE AND HEAT EXHAUSTION CASES.

EPAW02483
FIRST AID HANDLING AND TRANSPORTING OF THE INJURED INTRODUCTION
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
FIRST AID
COST: 23.75 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 56-00
REMARKS AND ABSTRACT:
(TITLE NO. 327491) (AGENCY NO. MN08187A) 16MM, 13 MIN., OPTICAL SOUND, BLACK & WHITE.
REVIEWS THE SEVEN PRINCIPLES OF PROPER HANDLING AND TRANSPORTING CASUALTIES. DO NOT MOVE BEFORE EXAMINING AND TREATING, KEEP INJURED LYING DOWN, HANDLE CAREFULLY, ATTACH RECORD, USE THREE MEN TO ROLL OR LIFT, KEEP WARM, AND USE STRETCHER FOR TRANSPORT.

EPAW02484
LIFELINES IMPROVISED STRETCHERS FIRST AID HANDLING AND TRANSPORTING OF THE INJURED DATE: 56-00
AUTHOR(S): USN TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 23.75 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
(TITLE NO. 327490) (AGENCY NO. MN08197C) 16MM, 13 MIN., OPTICAL SOUND, BLACK & WHITE.
COVERS SPECIAL TECHNIQUES OF HANDLING AND TRANSPORTING THE INJURED IN EMERGENCY SITUATIONS WHERE STANDARD STRETCHERS ARE NOT AVAILABLE. INCLUDES USE OF LIFELINES.

EPAW02485
FIRST AID HANDLING AND TRANSPORTING OF THE INJURED MASTERING BASIC TECHNIQUES DATE: 56-00
AUTHOR(S): USN TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 47.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
(TITLE NO. 327492) (AGENCY NO. MN08187B) 16MM, 27 MIN., OPTICAL SOUND, BLACK & WHITE.
REVIEWS TECHNIQUES FOR STRAIGHTENING A SERIOUSLY INJURED CASUALTY--ROLLING, LIFTING, TRANSPORTING IN THE ARMY LITTER, AND THE USE OF THE STOKES AND NEIL ROBERTSON STRETCHERS.

EPAWC2486
BURNS FIRST AID DATE: 60-00
AUTHOR(S): USA TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 48.50 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
(TITLE NO. 327529) (AGENCY NO. TF08-2588) 16MM, 14 MIN., OPTICAL SOUND, COLOR.
SHOWS SYMPTOMS OF 1ST, 2ND, AND 3RD DEGREE BURNS. DEMONSTRATES FIRST AID FOR SERIOUS BURNS CAUSED BY FLAME, HOT LIQUID, WHITE PHOSPHORUS, ACID, AND ALKALI.

EPAW02487
MAJOR WOUNDS AND FRACTURES FIRST AID DATE: 57-00
AUTHOR(S): USA TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 133.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
(TITLE NO. 327730) (AGENCY NO. TF08-2292) 16MM, 33 MIN., OPTICAL SOUND, COLOR.
DESCRIBES TREATMENT FOR WOUNDS OF THE CHEST, BELLY, HEAD AND FACE--FRACTURES OF JAW, LEG, ELBOW, ARM, RIBS, NECK AND BACK.

DATE: 61-00

EPAWC2488
RESUSCITATION MOUTH TO MOUTH MOUTH TO NOSE FIRST AID
AUTHOR(S): USA
SOURCE(S): NATL AVC
COST: 78.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
(TITLE NO. 327530) (AGENCY NO. TF08-3021) 16MM, 23 MIN., OPTICAL SOUND, COLOR.
COMPARES MOUTH-TO-MOUTH AND MOUTH-TO-NOSE RESUSCITATION WITH OTHER METHODS OF ARTIFICIAL RESPIRATION. DEMONSTRATES
THE APPLICATION OF MOUTH-TO-MOUTH RESUSCITATION, THUMB JAW-LIFT, TWO HANDS JAWLIFT AND MOUTH-TO-NOSE TECHNIQUES.

DATE: 45-00

EPAWC2489
FLOW PROCESS CHART AND HOW TO USE IT
AUTHOR(S): USGSRD
SOURCE(S): NATL AVC
COST: 10.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
MANAGEMENT
JOB ANALYSIS
REMARKS AND ABSTRACT:
(TITLE NO. 332450) 16MM, 15 MIN., OPTICAL SOUND, COLOR, PURCHASE PRICE: $51.75.
SHOWS THE USE OF A FLOW PROCESS CHART IN THE STUDY AND APPLICATION OF WORK SIMPLIFICATION, THE MEANING OF THE
SYMBOLS USED ON SUCH A CHART, AND THE USE OF THE CHART IN ANALYZING THE RELATIVELY SIMPLE JOB OF SHAVING.

DATE: 44-00

EPAWC2490
FLUE GAS ANALYSIS ORSAT APPARATUS
AUTHOR(S): USOE
SOURCE(S): NATL AVC
COST: 7.50 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
SUBJECT AREAS:
GAS ANALYSIS
REMARKS AND ABSTRACT:
(TITLE NO. 333150) (AGENCY NO. OE 367) 16MM, 19 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS HOW TO SET UP THE ORSAT GAS ANALYZER, COLLECT AN AIR-FREE SAMPLE OF FLUE GAS, ABSORB AND MEASURE THE AMOUNTS
OF CARBON DIOXIDE, OXYGEN AND CARBON MONOXIDE IN THE SAMPLE AND CALCULATE THE AMOUNT OF NITROGEN.

DATE: 66-00

EPAW02491
GROSS RADIOACTIVITY ANALYSIS OF WATER
AUTHOR(S): USNMAC
SOURCE(S): NATL AVC
COST: 19.50 P
TYPE(S): MP
LEVEL: 3
CATEGORIES: M
COPYRIGHT:
SUBJECT AREAS:
RADIOACTIVITY
REMARKS AND ABSTRACT:
(TITLE NO. 374540) (AGENCY NO. M-1344) 16MM, 6 MIN., OPTICAL SOUND, COLOR.
SHOWS GROSS ALPHA AND BETA COUNTING OF WATER SAMPLES INVOLVED IN THE PREPARATION OF TWO SAMPLES--ONE FOR THE
SUSPENDED SOLIDS. SUSPENDED SOLIDS ARE REMOVED WITH A MEMBRANE FILTER APPARATUS CONNECTED TO A VACUUM.

DATE: 73-00

EPAWC2492
HOW DISCRIMINATION COMPLAINTS ARE PROCESSED
AUTHOR(S): USCSC
SOURCE(S): NATL AVC
COST: 8.00 P
TYPE(S): SL AR
LEVEL: 3
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS PERSONNEL
REMARKS AND ABSTRACT:
(TITLE NO. 002107) 20 MIN., 2X2 SLIDE SET, 1/4 IN. AUDIOTAPE, COLOR.
IDENTIFIES THE STAGES INVOLVED IN PROCESSING COMPLAINTS OF DISCRIMINATION AND EXPLAINS THE ESSENTIAL DETAILS UNDER EACH STAGE. DESCRIBES THE RIGHTS AND RESPONSIBILITIES OF THE COMPLAINANT AND THE AGENCY. ALSO DESCRIBES THE RIGHT OF APPEAL TO THE CIVIL SERVICE COMMISSION AND THE RIGHT TO FILE CIVIL ACTION IN AN APPROPRIATE U.S. DISTRICT COURT.

DATE: 51-00

EPAW02493
HOW TO CONDUCT A MEETING
AUTHOR(S): USA
SOURCE(S): NATL AVC
COST: 42.50 P
TYPE(S): MP
LEVEL: 3
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
COMMUNICATION (ORAL) DECISION MAKING
REMARKS AND ABSTRACT:
(TITLE NO. 405800) 16MM, 20 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS THE PROPER PARLIAMENTARY PROCEDURES TO BE FOLLOWED IN CONDUCTING A MEETING TO INSURE THAT THE DECISIONS WILL REPRESENT THE MAJORITY.

DATE: 60-00

EPAW02494
INCINERATION
AUTHOR(S): USNMAC
SOURCE(S): NATL AVC
COST: 45.25 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
INCINERATION
REMARKS AND ABSTRACT:
(TITLE NO. 002239) (AGENCY NO. M-0353) 16MM, 13 MIN., OPTICAL SOUND, COLOR.
DISCUSSES THE PRINCIPLES OF INCINERATION AND EXPLAINS THE METHOD AS A MEANS OF SANITARY REFUSE DISPOSAL.

DATE: 68-00

EPAWC2495
INDUSTRIAL HYGIENE RIGHT MAKES SAFE
AUTHOR(S): USN
SOURCE(S): NATL AVC
COST: 78.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O S
COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL HEALTH SAFETY
REMARKS AND ABSTRACT:
(TITLE NO. 424575) (AGENCY NO. MN10295) 16MM, 19 MIN., OPTICAL SOUND, COLOR.
DESCRIBES DANGERS TO EARS, SKIN, EYES AND THE RESPIRATORY SYSTEM AND SHOWS PREVENTIVE MEASURES AND EQUIPMENT FOR ELIMINATION RISKS.

EPAW02496
INSPECTION MAINTENANCE AND OPERATION OF AUTOMATIC SPRINKLER SYSTEMS DATE: 59-CC
AUTHOR(S): USAF TYPE(S): MP CATEGORIES: S O
SOURCE(S): NATL AVC COST: 12.50 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
FIRES MAINTENANCE
REMARKS AND ABSTRACT:
(TITLE NO. 428275) (AGENCY NO. TF01-5303) 16MM, 26 MIN., OPTICAL SOUND, COLOR, PURCHASE PRICE: $84.75.
EXPLAINS THE IMPORTANCE OF AUTOMATIC SPRINKLER SYSTEMS IN FIRE PROTECTION AND CONTROL. DEMONSTRATES INSPECTION AND MAINTENANCE PROCEDURES COMMON TO ALL SYSTEMS, AND EMPHASIZES THE WET PIPE, DRY PIPE, AND DELUGE SYSTEMS.

EPAWC2497
INTRODUCTION TO FIRE BEHAVIOR DATE: 60-00
AUTHOR(S): USDA TYPE(S): MP CATEGORIES: T S
SOURCE(S): NATL AVC COST: 78.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
FIRES
REMARKS AND ABSTRACT:
(TITLE NO. 303960) (AGENCY NO. 1415) 16MM, 17MIN., OPTICAL SOUND, COLOR.
SHOWS THE BASIC FUNDAMENTALS FOR COMBUSTION AND THE INFLUENCES OF FUEL, WEATHER, AND TOPOGRAPHY ON FIRE BEHAVIOR INANIMATION AND TABLE-TOP PHOTOGRAPHY. EMPHASIZES THE MANY FACTORS THAT MAKE A FIRE BURN THE WAY IT DOES AND DEMONSTRATES HOW STRATEGY CAN BE PLANNED FROM KNOWLEDGE OF THIS BEHAVIOR.

EPAWC2498
LET THE BUYER PREPARE DATE: 69-CO
AUTHOR(S): USFSS TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 137.25 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
AGREEMENTS AND CONTRACTS
REMARKS AND ABSTRACT:
(TITLE NO. 302519) 16MM, 34 MIN., OPTICAL SOUND, COLOR.
PROCUREMENT BY NEGOTIATION IS THE THEME OF THIS FILM DEALING PRINCIPALLY WITH SIX MAJOR STEPS IN THE NEGOTIATION PROCESS. FOUR BASIC NEGOTIATIONS OBJECTIVES ARE IDENTIFIED AND SOME IMPORTANT DO'S AND DON'TS RELATING TO NEGOTIATION ARE SET FORTH.

EPAW02499
LUBRICATION OF ELECTRONIC EQUIPMENT DATE: 53-00
AUTHOR(S): USN TYPE(S): MP CATEGORIES: O
SOURCE(S): NATL AVC COST: 31.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
LUBRICATION INSTRUMENTATION (PLANT)
REMARKS AND ABSTRACT:
(TITLE NO. 692710) (AGENCY NO. MN6942) 16MM, 9 MIN., OPTICAL SOUND, COLOR.
EXPLAINS THE IMPORTANCE OF ROUTINE AND METHODICAL LUBRICATION OF ELECTRONIC EQUIPMENT ACCORDING TO RECOMMENDED PROCEDURES.

EPAW02500
MAN AND HIS HABITS
AUTHOR(S): USBM
SOURCE(S): NATL AVC
SUBJECT AREAS:
SAFETY
COST: 52.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 69-00
REMARKS AND ABSTRACT:
(TITLE NO. 003532) 16MM, 13 MIN., OPTICAL SOUND, COLOR.
SHOWS HOW MAN'S HABITS MAY ENDANGER HIS SAFETY BY BECOMING ROUTINE - WHEN CARRIED OVER TO HIS WORK. BY VISUAL EXAMPLES, THE WORKER IS SHOWN HOW TO ACQUIRE SAFE WORK HABITS BY PRACTICING SAFETY AT HOME AND ON THE JOB. REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, US DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PA 15313. AFTER PERMISSION RECEIVED, ORDER FROM NATL. AVC.

EPAW02501
MANS SHORTCOMINGS
AUTHOR(S): USBM
SOURCE(S): NATL AVC
SUBJECT AREAS:
SAFETY
COST: 50.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 69-00
REMARKS AND ABSTRACT:
(TITLE NO. 003533) 16MM, 13 MIN., OPTICAL SOUND, COLOR.
DRAMATICALLY ENACTED SCENES SHOW HOW MAN'S PERSONALITY QUIRKS MAY ENDANGER HIS AND OTHER WORKERS' SAFETY. SUGGESTIONS ARE GIVEN TO AVOID OR CHANGE THIS MENTAL ATTITUDE AND PREVENT THESE NONSENSIBLE ACTIONS. REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, US DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PA 15313. AFTER PERMISSION RECEIVED, ORDER FROM NATL. AVC.

EPAW02502
MANAGEMENT IMPROVEMENT ITS YOUR BUSINESS
AUTHOR(S): USN
SOURCE(S): NATL AVC
SUBJECT AREAS:
MANAGEMENT
COST: 99.00 P
TYPE(S): MP
LEVEL: 3
CATEGORIES: S
COPYRIGHT:
DATE: 59-00
REMARKS AND ABSTRACT:
(TITLE NO. 503557) (AGENCY NO.MN08725) 16MM, 25 MIN., OPTICAL SOUND, COLOR.
SHOWS THROUGH THE USE OF ANIMATION, THAT GOOD MANAGEMENT MEANS EFFECTIVE USE OF MEN, MONEY, MATERIALS AND FACILITIES.

EPAW02503
MEET MR NOISE
AUTHOR(S): USAF
SOURCE(S): NATL AVC
SUBJECT AREAS:
INDUSTRIAL HEALTH
NOISE POLLUTION
COST: 104.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 62-00
REMARKS AND ABSTRACT:
(TITLE NO. 002375) (AGENCY NO. TF01-8193) 16MM, 26 MIN., OPTICAL SOUND, COLOR.
POINTS OUT HAZARDS OF WORKING IN AN AREA OF VIBRATION AND NOISE. SHOWS HOW NOISE OF HEIGHTENED INTENSITY CAN IMPAIR HEARING AND GENERAL HEALTH. DEMONSTRATES HOW PROPERLY FITTED PROTECTIVE DEVICES WORN BY PERSONNEL REDUCES ADVERSE EFFECTS OF NOISE.

EPAW02504

MOTIVATION A MEANS TO ACCIDENT PREVENTION
AUTHOR(S): USBM
SOURCE(S): NATL AVC
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
COST: 48.50 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 69-00
REMARKS AND ABSTRACT:
(TITLE NO. 003535) 16MM, 11 MIN., OPTICAL SOUND, COLOR.
SHOWS HOW PROPER MOTIVATION PREVENTS ACCIDENTS AT HOME AND ON THE JOB. THE REASONS THAT MOTIVATE THE WORKMEN ARE PRESENTED IN A VISUALLY INTERESTING MANNER. REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, US DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PA 15313. AFTER PERMISSION RECEIVED, ORDER FROM NATL. AVC.

EPAW02505

MOTORS AND GENERATORS PART 1 DC MOTORS AND GENERATORS
AUTHOR(S): USA
SOURCE(S): NATL AVC
SUBJECT AREAS:
MOTORS
COST: 60.25 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE:
REMARKS AND ABSTRACT:
(TITLE NO. 002562) (AGENCY NO. TF9-3106) 16MM, 35 MIN., OPTICAL SOUND, BLACK & WHITE.
DESCRIBES THE CONSTRUCTION, USES, AND PRINCIPLES GOVERNING THE OPERATION OF DC MOTORS AND GENERATORS.

EPAW02506

MOTORS AND GENERATORS PART 2 AC MOTORS AND GENERATORS
AUTHOR(S): USA
SOURCE(S): NATL AVC
SUBJECT AREAS:
MOTORS
COST: 43.75 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 61-00
REMARKS AND ABSTRACT:
(TITLE NO. 534801) (AGENCY NO. TF09-3107) 16MM, 25 MIN., OPTICAL SOUND, BLACK & WHITE.
DESCRIBES THE DESIGN, CHARACTERISTICS, AND OPERATION OF AC GENERATORS AND MOTORS.

EPAW02507

MOUNTAIN WATER
AUTHOR(S): USDA
SOURCE(S): NATL AVC
SUBJECT AREAS:
WATER SUPPLY
ECOSYSTEMS
COST: 80.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 50-00
REMARKS AND ABSTRACT:
(TITLE NO. 535479) (AGENCY NO. 1026) 16MM, 17 MIN., OPTICAL SOUND, COLOR.
SHOWS HOW THE WATER SUPPLY FOR INDUSTRIAL, AGRICULTURAL AND DOMESTIC USES IN THE WESTERN US DEPENDS ON MOUNTAIN WATER. STRESSES THE NEED FOR CONSERVATION OF FORESTS AND VEGETATION ON MOUNTAINS.

EPAW02508
MY FRIEND THE ENEMY (OUT OF PRINT) DATE: 65-00
AUTHOR(S): USIA TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 0.00 LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
PERSONNEL
REMARKS AND ABSTRACT:
(TITLE NO. 004352) (AGENCY NO. 01-02641) 16MM, 35 MIN., OPTICAL SOUND, BLACK & WHITE. (OUT OF PRINT)
USES AN ACTUAL CASE IN WHICH LABOR AND MANAGEMENT SETTLE A DISPUTE BY THE BARGAINING PROCESS, TO ILLUSTRATE HOW
MUTUAL CO-OPERATION BENEFITS BOTH LABOR AND INDUSTRY. GIVES INTIMATE DETAILS OF THE MEETINGS WHICH REVEAL
PRINCIPLES AND TACTICS OF BARGAINING.

EPAW02509
NEW SUPERVISOR TAKES A LOOK AT HIS JOB DATE: 44-00
AUTHOR(S): USOE TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 7.50 R LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
SUPERVISION HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
(TITLE NO. 550625) (AGENCY NO. OE 150) 16MM, 13 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $23.75.
SHOWS A MACHINE TOOL OPERATOR WHO IS MADE A GROUP LEADER AND HIS PLANT SUPERINTENDENT EXPLAINS TO HIM THE MEANING
OF WORKING WITH PEOPLE INSTEAD OF MACHINES.

EPAW02510
MANAGEMENT AND SUPERVISION PROCEDURES FOR WASTEWATER FACILITIES VOLUME IV OF WASTEWATER TECH DATE: 76-06
AUTHOR(S): CLEMSON U EPA TYPE(S): PM CATEGORIES: M S
SOURCE(S): CCCC COST: LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
BUDGET AND ACCOUNTING MANAGEMENT SUPERVISION TECHNICAL WRITING
INSTRUCTION
REMARKS AND ABSTRACT:
95PP.; A 2-YEAR POST HIGH SCHOOL INSTRUCTIONAL PROGRAM.
AN INSTRUCTORS GUIDE TO TRAINING OPERATORS IN MANAGEMENT PROCEDURES. INCLUDES DETAILED PERFORMANCE OBJECTIVES
AND SUGGESTED INSTRUCTIONAL TECHNIQUES.

EPAW02511
NINE OUT OF TEN DATE: 71-00
AUTHOR(S): USDA TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 152.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
SAFETY (FIRES)
REMARKS AND ABSTRACT:
(TITLE NO. 002213) (AGENCY NO. 10034) 16MM, 31 MIN., OPTICAL SOUND, COLOR.
FEATURES SERVICE WIDE FIRE PROTECTION PROBLEMS OF DEBRIS BURNING, INDUSTRIAL FIRES, AND RECREATION FIRES. THE
TRAINING MESSAGE INVOLVES 10 ESSENTIALS FOR IMPROVING FIRE PREVENTION AND HOW TO APPLY THEM.

EPAWC2512 DATE: 52-00

NON VERBAL COMMUNICATION
AUTHOR(S): USVA
SOURCE(S): NATL AVC COST: 47.00 P TYPE(S): MP LEVEL: 2 CATEGORIES: S COPYRIGHT:
SUBJECT AREAS:
COMMUNICATION HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
(TITLE NO. 002505) 16MM, 27 MIN., OPTICAL SOUND, BLACK & WHITE.
DISCUSSES THE RECOGNITION OF THE CLUES OF NONVERBAL COMMUNICATION AND THE MANNER IN WHICH THESE CLUES CAN BE USED IN AN INTERVIEW SITUATION TO OBTAIN INFORMATION AND TO FURTHER THERAPY. ILLUSTRATES THE VARIOUS POINTS THROUGH PICTURES, WITH SUBTITLES, OF ACTUAL UNREHEARSED INTERVIEW SITUATIONS.

EPAW02513 DATE: 65-00

OH MY ACHING BACK
AUTHOR(S): USBM
SOURCE(S): NATL AVC COST: 87.50 P TYPE(S): MP LEVEL: 1 CATEGORIES: S COPYRIGHT:
SUBJECT AREAS:
MANUAL LABOR
REMARKS AND ABSTRACT:
(TITLE NO. 003550) 16MM, 21 MIN., OPTICAL SOUND, COLOR.
SHOWS THE WORKMEN THE CORRECT METHOD OF LIFTING, INCLUDING GOOD POSTURE, POSITION, AND SMOOTH APPLICATION OF LIFTING POWER. ILLUSTRATES HOW STRAINS OCCUR AND HOW DISCS ARE 'PINCHED' BY THE FLEXIBLE TRAINING HUMAN MODELS. EMPHASIZES THE NEED FOR PROPER LIFTING AND HANDLING OF WORKING TOOLS AND MATERIALS. REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, US DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PA 15313. AFTER PERMISSION RECEIVED, ORDER FROM NATL. AVC.

EPAW02514 DATE: 60-00

ONE HUNDRED FIFTEEN DEADLY SHIPMATE
AUTHOR(S): USN
SOURCE(S): NATL AVC COST: 65.00 P TYPE(S): MP LEVEL: 1 CATEGORIES: S O COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT:
(TITLE NO. 002632) (AGENCY NO. MN 8990) 16MM, 19 MIN., OPTICAL SOUND, COLOR.
PORTRAYS THE STORY OF JOE, WHO IS REPRESENTATIVE OF ALL SAILORS. DRAMATIZES ACTUAL INCIDENTS TO EMPHASIZE THE DISASTROUS EFFECTS OF LOW VOLTAGE ELECTRICAL SHOCK WHEN THE BASIC RULES OF ELECTRICAL SAFETY ARE VIOLATED OR IGNORED.

EPAW02515 DATE: 49-00

ONLY A BUNCH OF TOOLS
AUTHOR(S): USDA
SOURCE(S): NATL AVC COST: 125.00 P TYPE(S): MP LEVEL: 1 CATEGORIES: O COPYRIGHT:
SUBJECT AREAS:
SAFETY (FIRES)
REMARKS AND ABSTRACT:
(TITLE NO. 567750) (AGENCY NO. 1053) 16MM, 28 MIN., OPTICAL SOUND, COLOR.
DEMONSTRATES IN STORY FORM THE USE OF SMALL TOOLS IN FIRE FIGHTING, AND HOW TRAINING IN THE USE OF SUCH TOOLS SAVED A HOUSE AND WOOD LOT FROM DESTRUCTION.

EPAW02516 DATE: 70-00
OPERATIONS WITH WHOLE NUMBERS
AUTHOR(S): USOE
SOURCE(S): NATL AVC COST: 94.00 P TYPE(S): MP LEVEL: 0 CATEGORIES: T COPYRIGHT:
SUBJECT AREAS:
ARITHMETIC
REMARKS AND ABSTRACT:
(TITLE NO. 569306) 16MM, 22 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLORES PROCEDURES FOR INTERRELATING ADDITION AND SUBTRACTION. SHOWS MATERIALS, METHODS AND STRATEGIES WHICH ARE PARTICULARLY EFFECTIVE. ATTENTION IS FOCUSED ON THE USE OF MULTIPLE TECHNIQUES FOR IMPROVING INSTRUCTION IN MULTIPLICATION. EMPHASIZES LOGRITHMS WHICH HAVE BEEN FOUND TO BE PARTICULARLY EFFECTIVE. STRESSES THE USE OF MATERIALS.

EPAW02517 DATE: 76-99
ORIGIN AND HISTORY OF PROGRAM BUDGETING
AUTHOR(S): USCSC
SOURCE(S): NATL AVC COST: 52.50 P TYPE(S): MP LEVEL: 3 CATEGORIES: P COPYRIGHT:
SUBJECT AREAS:
BUDGET AND ACCOUNTING
REMARKS AND ABSTRACT:
(TITLE NO. 002741) 16MM, 25 MIN., OPTICAL SOUND, BLACK & WHITE.
TRACES THE HISTORY OF PLANNING, PROGRAMMING, BUDGETING (PPB) AND DESCRIBES THE FUNDAMENTALS OF THE SYSTEM.
CORPORATION. (KINESCOPE)

EPAW02518 DATE: 45-00
OVERHAULING CAMSHAFT ASSEMBLY AND CRANKCASE SECTION
AUTHOR(S): USOE
SOURCE(S): NATL AVC COST: 39.25 P TYPE(S): MP LEVEL: 2 CATEGORIES: O COPYRIGHT:
SUBJECT AREAS:
MAINTENANCE ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 578150) (AGENCY NO. OE 270) 16MM, 19 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLAINS HOW TO INSPECT THE CAMSHAFT AND GEAR CASE COVER ASSEMBLY, INSPECT AND RECONDITION THE CRANKCASE SECTION, MEASURE CRANKCASE BEARINGS AND INSPECT AND RECONDITION THE REMAINING PARTS.

EPAW02519 DATE: 45-00
OVERHAULING CRANKSHAFT ASSEMBLY
AUTHOR(S): USOE
SOURCE(S): NATL AVC COST: 39.25 P TYPE(S): MP LEVEL: 2 CATEGORIES: O COPYRIGHT:
SUBJECT AREAS:
MAINTENANCE ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 578200) (AGENCY NO. OE 269) 16MM, 19 MIN., OPTICAL SOUND, BLACK & WHITE.
EXPLAINS HOW TO CLEAN THE PARTS OF A DISASSEMBLED ENGINE, INSPECT AND RECONDITION CRANKSHAFT ASSEMBLY PARTS, DETERMINE CLEARANCES AND CHECK FOR OUT-OF-ROUND AND INSPECT CLEARANCES AGAINST SPECIFICATIONS.

EPAW02520
OVERHAULING THE CARBURETOR
AUTHOR(S): USOE
SOURCE(S): NATL AVC
COST: 40.50 P
TYPE(S): MP
LEVEL: 2
DATE: 45-00
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
MAINTENANCE
ENGINES
REMARKS AND ABSTRACT:
(TITLE NO. 578250) (AGENCY NO. OE 267) 16MM, 23 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS HOW TO REMOVE THE CARBUREATOR ASSEMBLY FROM THE ENGINE, DISASSEMBLE, CLEAN, INSPECT AND REASSEMBLE THE CARBUREATOR, CHECK THE FUEL LEVEL AND REINSTALL THE CARBUREATOR ASSEMBLY.

EPAW02521
PATH TO SAFETY
AUTHOR(S): USFAA
SOURCE(S): NATL AVC
COST: 68.25 P
TYPE(S): MP
LEVEL: 2
DATE: 67-00
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
(TITLE NO. 002785) (AGENCY NO. FA-0612) 16MM 20 MIN., OPTICAL SOUND, COLOR.
POINTS OUT THAT MORE ACCIDENTS ARE CAUSED BY HUMAN ERROR THAN BY ANY OTHER FACTOR.

EPAW02522
PERCEPTION AND COMMUNICATION
AUTHOR(S): USOE
SOURCE(S): NATL AVC
COST: 10.00 R
TYPE(S): MP
LEVEL: 2
DATE: 66-00
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
(TITLE NO. 002800) 16MM, 28 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $55.00.
SHOWS CONCRETE EXAMPLES OF HOW HUMAN PERCEPTION AFFECTS THE COMMUNICATION PROCESS AND THE INDUVIDUAL'S CONCEPT OF REALITY. TWO MAJOR THEORIES OF PERCEPTION, THE COGNITIVE AND THE TRANSACTIONAL, ARE INTRODUCED, EACH BEING ILLUSTRATED TO VARYING DEGREES IN THE SIX SEGMENTS OF WHICH THIS FILM IS COMPOSED.

EPAW02523
PERIODIC CHECK UP
AUTHOR(S): USOE
SOURCE(S): NATL AVC
COST: 7.50 R
TYPE(S): MP
LEVEL: 2
DATE: 45-00
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
ENGINES
PREVENTIVE MAINTENANCE
REMARKS AND ABSTRACT:
(TITLE NO. 592500) (AGENCY NO. OE 489) 16MM, 18 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $32.00.
SHOWS HOW TO TUNE UP THE ENGINE, CHECK AND ADJUST THE BRAKE SYSTEM AND INSPECT THE STEERING SYSTEM, CHASSIS AND BODY.

EPAWC2524
PERIODIC INSPECTION ENGINE
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
ENGINES
COST: 47.75 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 45-00
REMARKS AND ABSTRACT:
PREVENTIVE MAINTENANCE
(TITLE NO. 002902) (AGENCY NO. OE 283) 16MM, 25 MIN., OPTICAL SOUND, BLACK & WHIEE.
SHOWS HOW TO INSPECT THE GENERAL CONDITION OF AN ENGINE, EXAMINE INTERNAL PARTS, CHECK IGNITION AND FUEL SYSTEM,
EXAMINE THE PROPELLER, AND PREPARE AN ENGINE FOR R-UP.

EPAWC2525
PLIERS AND SCREW DRIVERS
AUTHOR(S): USA
SOURCE(S): NATL AVC
SUBJECT AREAS:
EQUIPMENT (SHOP)
COST: 27.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 43-00
REMARKS AND ABSTRACT:
(TITLE NO. 003044) (AGENCY NO. TF9-2027) 16MM, 15 MIN., OPTICAL SOUND, BLACK & WHITE.
DEMONSTRATES THE PROPER USE OF PLIERS AND SCREW DRIVERS AND SAFETY PRECAUTIONS TO BE OBSERVED IN THEIR USE.

EPAWC2526
PRINCIPLES OF LUBRICATION
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
LUBRICATION
COST: 7.50 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 45-00
REMARKS AND ABSTRACT:
(TITLE NO. 619650) (AGENCY NO. OE 355) 16MM, 16 MIN., OPTICAL SOUND, BLACK & WHITE: PURCHASE PRICE: $28.50.
DISCUSSES THE NEED FOR LUBRICATION AND THE PROPERTIES, ACTION AND VISCOSITY OF LUBRICANTS. DISCUSSES CONDITIONS
THAT DETERMINE PROPER VISCOSITY.

EPAWC2527
PROCESS OF COMMUNICATION
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
COMMUNICATION
COST: 15.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 66-00
REMARKS AND ABSTRACT:
(TITLE NO. 003152) 16MM, 46 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $88.75.
EXPLORES THE PROCESS OF COMMUNICATION BEGINNING WITH AN ANIMATED THEORETICAL MODEL, FOLLOWED BY SEQUENCES WHICH
PROGRESSIVELY ELABORATE AND ILLUMINATE THE THEORY THROUGH ILLUSTRATIONS DRAWN FROM COMMUNICATIONS NETWORKS IN
MILITARY, INDUSTRIAL, RESEARCH, AND TEACHING SETTINGS. PRODUCED BY THE OHIO STATE UNIVERSITY DEPT. OF
PHOTOGRAPHY FOR THE OFFICE OF EDUCATION.

EPAWC2529
READING A THREE VIEW DRAWING
AUTHOR(S): USOE
SOURCE(S): NATL AVC
SUBJECT AREAS:
DRAFTING
COST: 5.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 45-00
REMARKS AND ABSTRACT:
(TITLE NO. 536350) (AGENCY NO. OE 052) 16MM, 10 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $17.50.
DESCRIBES HOW TO INTERPRET AND USE A BLUEPRINT. SHOWS HOW TO MAKE A TOOL BLOCK ACCORDING TO SPECIFICATIONS
WRITTEN ON A BLUEPRINT.

EPAW02529
SAFE SIDE CLYDE
AUTHOR(S): USDA
SOURCE(S): NATL AVC
SUBJECT AREAS:
SAFETY
COST: 143.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 69-00
REMARKS AND ABSTRACT:
(TITLE NO. 001872) (AGENCY NO. 7355) 16MM, 29 MIN., OPTICAL SOUND, COLOR.
DESIGNED TO STIMULATE INTEREST IN SAFETY, IT WILL HELP BUILD A POSITIVE ATTITUDE TOWARD THE SAFE WAY TO WORK.
THE CAST IS MADE UP OF JOB CORPS ENROLLEES.

EPAW02530
SAFE USE OF PESTICIDES
AUTHOR(S): USDA
SOURCE(S): NATL AVC
SUBJECT AREAS:
SAFETY (CHEMICAL)
AGROCHEMICALS
COST: 97.00 P
TYPE(S): MP
LEVEL: 1
CATEGORIES: O S
COPYRIGHT:
DATE: 64-00
REMARKS AND ABSTRACT:
(TITLE NO. 660200) (AGENCY NO. 1570) 16MM, 21 MIN., OPTICAL SOUND, COLOR.
EXPLAINS THE PROPER USE OF PESTICIDES, EMPHASIZING THE IMPORTANCE OF FOLLOWING INSTRUCTIONS ON THE LABELS TO
AVOID SEIZURE OF CROPS BECAUSE OF HARMFUL RESIDUE.

EPAW02531
SAFETY CONSCIOUSNESS
AUTHOR(S): USBM
SOURCE(S): NATL AVC
SUBJECT AREAS:
SAFETY
COST: 39.00 P
TYPE(S): MP
LEVEL: 2
CATEGORIES: S O
COPYRIGHT:
DATE: 69-00
REMARKS AND ABSTRACT:
(TITLE NO. 003534) 16MM, 10 MIN., OPTICAL SOUND, COLOR.
VARIOUS PEOPLE AT WORK AND PLAY DEMONSTRATE HOW TO DEVELOP SAFE ATTITUDES IN THEIR DAILY ACTIVITIES BY THEIR
CLARITY IN THINKING, ACTING, AND OUTLOOK ON LIFE. REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS,
US DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PA 15313.
AFTER PERMISSION RECEIVED, ORDER FROM NATL AVC.

EPAW02532
SAFETY FOR SURE — DATE: 59-00
AUTHOR(S): USCA — TYPE(S): MP — CATEGORIES: S O
SOURCE(S): NATL AVC — COST: 50.00 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
(TITLE NO. 000834) (AGENCY NO. 1431) 16MM, 11 MIN., OPTICAL SOUND, COLOR.
POINTS OUT THE SURE WAY TO SAFETY AND THE FOUR KEY POINTS TO BE TAUGHT ON ANY JOB--SIZE UP THE SITUATION - USE YOUR SAFETY CODE AND FOLLOW INSTRUCTIONS - PROTECT YOUR FELLOW WORKERS, AND ESTABLISH AN ALTERNATE PLAN. THE POSITIVE POINTS, IF CARRIED OUT, CAN PREVENT INJURY.

EPAW02533
SAFETY IN THE SHOP — DATE: 44-00
AUTHOR(S): USOE — TYPE(S): MP — CATEGORIES: S O
SOURCE(S): NATL AVC — COST: 7.50 R — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
SAFETY — EQUIPMENT (SHOP)
REMARKS AND ABSTRACT:
(TITLE NO. 003327) (AGENCY NO. OE 481) 16MM, 12 MIN., OPTICAL SOUND, BLACK & WHITE, PURCHASE PRICE: $22.25.
DRAMATIZES THREE TYPICAL SHOP ACCIDENTS AND SHOWS HOW POOR SUPERVISION OR INADEQUATE TRAINING MAY HAVE BEEN THE REAL CAUSE BEHIND THESE ACCIDENTS.

EPAW02534
SAFETY PIPETTING — DATE: 76-99
AUTHOR(S): USNMAC — TYPE(S): MP — CATEGORIES: S M
SOURCE(S): NATL AVC — COST: 16.25 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL) — INSTRUMENTATION (LABORATORY) — LABORATORY SKILLS
REMARKS AND ABSTRACT:
(TITLE NO. 003328) (AGENCY NO. M-1160) 16MM, 5 MIN., OPTICAL SOUND, COLOR.
PRESENTS THREE COMMONLY USED INSTRUMENTS THAT ARE USED IN THE LABORATORY FOR SAFETY PIPETTING. THE OPERATION OF THESE INSTRUMENTS IS SHOWN IN DETAIL.

EPAW02535
SAFETY PRECAUTIONS FOR ELECTRONICS PERSONNEL — DATE: 76-99
AUTHOR(S): USN — TYPE(S): MP — CATEGORIES: S
SOURCE(S): NATL AVC — COST: 32.00 P — LEVEL: 2 — COPYRIGHT:
SUBJECT AREAS:
SAFETY (ELECTRICAL)
REMARKS AND ABSTRACT:
(TITLE NO. 661450) (AGENCY NO. MN06754) 16MM, 18 MIN., OPTICAL SOUND, BLACK & WHITE.
SHOWS ELECTRICAL AND MECHANICAL HAZARDS WHICH ELECTRONICS TECHNICIANS ENCOUNTER IN THEIR NORMAL WORK, AND STRESSES PRECAUTIONS WHICH SHOULD BE EMPLOYED TO PREVENT ACCIDENTS.

EPAW02536
SAUCE FOR THE GANDER
AUTHOR(S): USN
SOURCE(S): NATL AVC
COST: 89.75 P
TYPE(S): MP
LEVEL: 2
DATE: 68-00
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS
REMARKS AND ABSTRACT:
(TITLE NO. 003338) (AGENCY NO. MN10544) 16MM, 22 MIN., OPTICAL SOUND, COLOR.
EXAMINES ATTITUDES OF A MAN WHO EXPECTS PERFECTION FROM OTHERS. SHOWS IMPORTANCE OF A RIGHT-THE-FIRST-TIME ATTITUDE, WHICH ALSO APPLIES TO HIM.

EPAW02537
SHACKLES FOR THE GIANT
AUTHOR(S): USAE
SOURCE(S): NATL AVC
COST: 87.00 P
TYPE(S): MP
LEVEL: 3
DATE: 65-00
CATEGORIES: S P
COPYRIGHT:
SUBJECT AREAS:
FLOODS
MISSISSIPPI RIVER
REMARKS AND ABSTRACT:
(TITLE NO. 003454) 16MM, 25 MIN., OPTICAL SOUND, COLOR.
SHOWS, BY ANIMATION AND LIVE PHOTOGRAPHY, THE DEVELOPMENT OF THE PRESENT FLOOD-CONTROL PLAN AND DETAILS OF THE PLAN IN THE LOWER ALLUVIAL VALLEY OF THE MISSISSIPPI RIVER. PORTRAYS NEED FOR FLOOD CONTROL BY SCENES ILLUSTRATING THE GREAT DAMAGE AND SUFFERING CAUSED BY FLOODS.

EPAW02538
SHOWDOWN
AUTHOR(S): USNMAC
SOURCE(S): NATL AVC
COST: 45.25 P
TYPE(S): MP
LEVEL: 2
DATE: 66-00
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS SUPERVISION
REMARKS AND ABSTRACT:
(TITLE NO. 683945) (AGENCY NO. M-1213) 16MM, 13 MIN., OPTICAL SOUND, COLOR.
THE YOUNG NEW SUPERVISOR ATTEMPTS TO GET FULL CO-OPERATION AND SUPPORT FROM AN OLDER PROBLEM WORKER. THE SITUATION IS COMMENTED ON BY CO-WORKERS, AND THE SUPERVISOR'S BOSS. THE RELATIONSHIP BETWEEN THE NEW YOUNG SUPERVISOR AND HIS PROBLEM EMPLOYEE DETERIORATES TO THE POINT THAT THE FORMER PROPOSES DISCIPLINARY ACTION ONLY TO LEARN THAT HIS BOSS MAY NOT SUPPORT HIM.

EPAW02539
STUDIES IN BACTERIOLOGY PART 2 MOTILITY
AUTHOR(S): USNMAC
SOURCE(S): NATL AVC
COST: 7.75 P
TYPE(S): MP
LEVEL: 3
DATE: 53-00
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
MICROBIOLOGY
BACTERIA
REMARKS AND ABSTRACT:
(TITLE NO. 003586) (AGENCY NO. M-0130-B) 16MM, 4 MIN., SILENT, BLACK & WHITE.
SHOWS BY CINEPHOTOMICROGRAPHY AND EXPLAINS BY CAPTIONS THE MOTILITY OF MONOTRICHOUS, AMPHITRICHOUS, AND PERITRICHOUS BACTERIA. USER SHOULD SUPPLEMENT FILM WITH CURRENT DATA. CREDITS--BASED ON PHOTOGRAPH DONE IN 1930-31 BY R. P. LOVELAND OF EASTMAN KODAK CO. RESEARCH LABORATORIES.

EPAW02540
STUDIES IN BACTERIOLOGY PART 3 CELL DIVISION DATE: 53-00
AUTHOR(S): USNMAC TYPE(S): MP CATEGORIES: T
SOURCE(S): NATL AVC COST: 7.75 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
MICROBIOLOGY BACTERIA
REMARKS AND ABSTRACT:
(TITLE NO. 003578) (AGENCY NO. M-0130-C) 16MM, 4 MIN., SILENT, BLACK & WHITE.
SHOWS BY CINEPHOTOMICROGRAPHY AND EXPLAINS BY CAPTIONS THE PROCESS OF CELL DIVISION OF SPHERICAL AND ROD SHAPED BACTERIA. USER SHOULD SUPPLEMENT FILM WITH CURRENT DATA.

EPAW02541
SUPERVISORY TRAINING A SERIES DATE: 69-00
AUTHOR(S): USBM TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 190.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
(TITLE NO. 003531) 16MM, 46 MIN., OPTICAL SOUND, COLOR.
MOTIVATES METAL MINE SUPERVISORY PERSONNEL TO STRESS SAFETY IN ALL FACETS OF THE MINING PROCESS. REQUEST PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, US DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PA 15313. AFTER PERMISSION RECEIVED, ORDER FROM NATL. AVC.

EPAW02542
TEACH SAFETY DATE: 68-00
AUTHOR(S): USBM TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 58.25 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
(TITLE NO.003529) 16MM, 15 MIN., OPTICAL SOUND, COLOR.
STRESSES THE IMPORTANCE OF THE SUPERVISOR'S RESPONSIBILITY FOR TEACHING MINERS THE CORRECT, SAFE, AND EFFICIENT METHODS OF PERFORMING THEIR JOBS. REQUEST PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, US DEPT. OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVE., PITTSBURGH, PA 15313. AFTER PERMISSION RECEIVED, ORDER FROM NATL. AVC.

EPAW02543
TRAINING AIDS DATE: 56-CC
AUTHOR(S): USA TYPE(S): MP CATEGORIES: S
SOURCE(S): NATL AVC COST: 40.50 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
VISUAL AIDS
REMARKS AND ABSTRACT:
(TITLE NO. 756299) (AGENCY NO. TF21-2305) 16MM, 15 MIN., OPTICAL SOUND, BLACK & WHITE.
DESCRIBES THE TYPES, CHARACTERISTICS, AND USES OF SIMPLE AND COMPLEX TRAINING AIDS, INCLUDING CHALKBOARDS, FILMSTRIPS, SLIDES, TRANSPARENCIES, WORKING MODELS, AND MOTION PICTURES.

EPAW02544
TYPHOID CARRIER (CUT OF PRINT) DATE: 47-CC
AUTHOR(S): USIIAA TYPE(S): MP CATEGORIES: T
SOURCE(S): NATL AVC COST: 0.00 LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
DISEASES PUBLIC HEALTH
REMARKS AND ABSTRACT:
(TITLE NO. 000618) 16MM, 9 MIN., OPTICAL SOUND, COLOR. (OUT OF PRINT)
EXPLAINS HOW THE TYPHOID BACILLUS MAY BE TRANSMITTED IN MILK AND WATER, AND BY FLIES AND HUMAN CARRIERS.
DEMONSTRATES HOW A COOK MAY BE UNKNOWINGLY A CARRIER OF TYPHOID.

EPAW02545
WATER DATE: 48-00
AUTHOR(S): USDA TYPE(S): MP CATEGORIES: E
SOURCE(S): NATL AVC COST: 23.00 P LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
WATER RESOURCES
REMARKS AND ABSTRACT:
(TITLE NO. 004015) (AGENCY NO. 1022) 16MM, 11 MIN., OPTICAL SOUND, BLACK & WHITE.
TELLS THE STORY OF WATER - ITS NUMEROUS VALUES AND ITS POTENTIAL DESTRUCTIVE POWER WHEN UNCONTROLLED.
IT DEVELOPS THE THEME THAT WATER IS ESSENTIAL TO ALL LIFE AND THAT THE MOST VALUABLE WATER IS THAT WHICH SOAKS
INTO THE GROUND WHERE IT FALLS AS RAIN OR SNOW WHILE THE MOST DESTRUCTIVE WATER IS PERMITTED TO RUN OFF
UNCONTROLLED FROM THE GROUND WHERE IT FALLS.

EPAW02546
WATER PURIFICATION INTRODUCTION DATE: 53-00
AUTHOR(S): USN TYPE(S): MP CATEGORIES: T
SOURCE(S): NATL AVC COST: 34.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
DISINFECTION
REMARKS AND ABSTRACT:
(TITLE NO. 794010) (AGENCY NO. MN07489A) 16MM, 10 MIN., OPTICAL SOUND, COLOR.
EMPHASIZES THE IMPORTANCE OF DISINFECTING WATER, EXPLAINS THE VARIOUS SOURCES OF WATER AND THE STEPS REQUIRED TO
PROVIDE A SAFE WATER SUPPLY, AND MENTIONS BRIEFLY DIATOMITE FILTERS AND DISTILLING EQUIPMENT.

EPAW02547
WATERS FROM THE MOUNTAIN DATE: 64-00
AUTHOR(S): USDA TYPE(S): MP CATEGORIES: E
SOURCE(S): NATL AVC COST: 94.00 P LEVEL: 2 COPYRIGHT:
SUBJECT AREAS:
WATER RESOURCES
REMARKS AND ABSTRACT:
(TITLE NO. 004016) (AGENCY NO. 5226) 16MM, 20 MIN., OPTICAL SOUND, COLOR.
THE MOST VITAL JOB OF THE SNOW SURVEYOR IS TO MEASURE WATER CONTENT IN SNOW AND DETERMINE HOW MUCH WATER TO EXPECT
WHEN THE SNOW MELTS. HE TELLS US HOW MUCH WATER WILL BE FOR POWER, IRRIGATION, WATERSHED PROJECTS, RECREATION,
FLOOD CONTROL, AND ANY OF THE OTHER USES FOR WATER ON WHICH MAN DEPENDS.

EPAWG2548
WATER FRIEND OR ENEMY
AUTHOR(S): ISCIAA
SOURCE(S): NATL AVC
SUBJECT AREAS: COST: 7.50 R TYPE(S): MP DATE: 43-00
GROUNDWATER LEVEL: 2 CATEGORIES: E
WATER WELLS COPYRIGHT:
REMARKS AND ABSTRACT:
(TITLE NO. 792225) (AGENCY NO. -10077) 16MM, 10 MIN., OPTICAL SOUND, COLOR, PURCHASE PRICE: $44.75.
USES ANIMATION TO ILLUSTRATE CORRECT MEASURES FOR KEEPING SPRING AND WELL WATER FROM BECOMING CONTAMINATED.

EPAW02549
PRINCIPLES OF FLOW TEMPERATURE PRESSURE LIQUID LEVEL
AUTHOR(S): FOXBORO
SOURCE(S): FOXBORO
SUBJECT AREAS: COST: 300.00 P TYPE(S): SL AC PM DATE: 75-01
INSTRUMENTATION (PLANT) LEVEL: 3 CATEGORIES: D T
PROCESS CONTROL COPYRIGHT:
REMARKS AND ABSTRACT: FLOW MEASUREMENT
TEMPERATURE
(A/V 523EP) FOUR PART SERIES; 1 1/2 HOURS; WRITTEN SUPPORT MATERIAL ACCOMPANIES EACH LECTURE.
INTRODUCES THE FUNDAMENTAL PHYSICAL PRINCIPLES UPON WHICH THE OPERATION OF INDUSTRIAL PROCESS INSTRUMENTATION IS
BASED. THE COMMON UNITS OF MEASUREMENT AND DEFINITIONS OF THE TERMS EMPLOYED ARE COVERED.

EPAW02550
VALUES OF PROCESS CONTROL
AUTHOR(S): FOXBORO
SOURCE(S): FOXBORO
SUBJECT AREAS: COST: 450.00 P TYPE(S): VC VR MP DATE: 74-05
PROCESS CONTROL LEVEL: 3 CATEGORIES: D O S
REMARKS AND ABSTRACT: COPYRIGHT:
(A/V 74-503EP); 1/2" REEL, BLACK & WHITE, 60 MIN., ALSO AVAILABLE 3/4" U-MATIC CASSETTE @ $510.; 16MM FILM @ $660.
INTRODUCES AND ANALYZES A VARIETY OF ADVANCED CONTROL STRATEGIES WHICH ARE COMMONLY USED TO INCREASE THE
PRODUCTIVITY OF LABOR EQUIPMENT, AND UTILITIES. DESIGNED TO STIMULATE CREATIVE THINKING ON ADVANCED CONTROL AT
A VARIETY OF LEVELS. THIS IS NOT A SELF-STUDY PROGRAM.

EPAW02551
INTRODUCTION TO DIGITAL CONTROL
AUTHOR(S): FOXBORO
SOURCE(S): FOXBORO
SUBJECT AREAS: COST: 450.00 P TYPE(S): VR VC MP DATE: 74-02
PROCESS CONTROL LEVEL: 3 CATEGORIES: T
REMARKS AND ABSTRACT: COPYRIGHT:
(A/V 74-509EP); 1/2" REEL, 90 MIN.; ALSO 3/4" U-MATIC CASSETTE @ $510.; 16MM FILM @ $660.
INTRODUCES AND ANALYZES A VARIETY OF ADVANCED CONTROL STRATEGIES WHICH ARE COMMONLY USED TO INCREASE THE
PRODUCTIVITY OF LABOR, EQUIPMENT, AND UTILITIES. THIS IS NOT A SELF-STUDY PROGRAM.

EPAW02552
INDUSTRIAL POLLUTION CONTROL
AUTHOR(S): FOXBORO
SOURCE(S): FOXBORO
COST: 620.00 P
TYPE(S): VR VC MP
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 74-09
SUBJECT AREAS:
PROCESS CONTROL
WASTEWATER TREATMENT PLANTS
REMARKS AND ABSTRACT:
(A/V 74-502EP); 1/2" REEL, BLACK & WHITE, 2 HRS.; ALSO 3/4" U-MATIC CASSETTE @ $700.; 16MM FILM @ $900.
DEMONSTRATES THE ENGINEERING CONTROL TECHNIQUES AND PRODUCTS WHICH HAVE BEEN DEVELOPED TO TREAT WASTES FOR THE ELIMINATION OF AIR AND WATER POLLUTION. THE FOUR-PART SERIES SHOWS HOW FAMILIAR POTENTIOMETRIC MEASUREMENTS LIKE PH MAY BE USED TO CONTROL THE QUALITY OF EFFLUENTS FROM WASTEWATER TREATMENT PLANTS AND STACK GAS SCRUBBERS.

EPAW02553
PH CONTROL
AUTHOR(S): FOXBORO
SOURCE(S): FOXBORO
COST: 80.00 P
TYPE(S): SL VC
LEVEL: 3
CATEGORIES: T D O
COPYRIGHT:
DATE: 75-04
SUBJECT AREAS:
PH
REMARKS AND ABSTRACT:
SLIDES AND CASSETTE TAPE, 15 MIN.
EXPLORES THE MANY DESIGN CRITERIA THAT MUST BE CONSIDERED IN PLANNING AN ACCEPTABLE PLANT EFFLUENT. CREATED TO STIMULATE NEW THINKING IN THE AREA OF PH CONTROL.

EPAW02554
FUNDAMENTALS OF AUTOMATIC CONTROL
AUTHOR(S): FOXBORO
SOURCE(S): FOXBORO
COST: 600.00 P
TYPE(S): VR VC MP
LEVEL: 3
CATEGORIES: O O T S
COPYRIGHT:
DATE: 75-01
SUBJECT AREAS:
AUTOMATIC CONTROL
MAINTENANCE
NORMAL OPERATIONS
INSTRUMENTATION (PLANT)
REMARKS AND ABSTRACT:
(A/V74-507EP); 3 HR. 1/2" REELS, BLACK & WHITE; ALSO 3/4" U-MATIC CASSETTE, BLACK & WHITE; 16MM FILM B&W @ $1,000..
PROVIDES A THOROUGH GROUNDING IN THE FUNDAMENTALS OF AUTOMATIC CONTROL BY DEVELOPING THE PRINCIPLES AND OPERATION OF CONTROL LOOPS. OPERATORS ARE SHOWN HOW TO AVOID COSTLY MISTAKES. THE INSTRUMENT MECHANIC WILL LEARN HOW TO DETERMINE CAUSES OF, AND SOLUTIONS TO, CONTROL PROBLEMS. THE ENGINEER IS INSTRUCTED IN THE DESIGN, INSTALLATION, AND TUNING OF SINGLE OR MULTIPLE LOOP CONFIGURATIONS.

EPAW02555
GUIDE TO FACILITIES PLANNING
AUTHOR(S): MASSEY R
SOURCE(S): MN SPE
MN PCA
COST: 5.00 P
TYPE(S): PM
LEVEL: 0
CATEGORIES: D L P
COPYRIGHT:
DATE: 76-02
SUBJECT AREAS:
MINNESOTA
PLANT CONSTRUCTION
WASTEWATER TREATMENT PLANTS
REMARKS AND ABSTRACT:
GUIDE TO ASSIST IN PREPARATION OF FACILITY PLANS FOR CONSTRUCTION OF MUNICIPAL WASTEWATER TREATMENT PLANTS. CONTAINS GUIDANCE ON BASIC CONTENT AND FORMAT OF FACILITIES PLAN AND MINIMAL REQUIREMENTS. OUTLINES EACH MAJOR SUBMITTAL REQUIRED. DIRECTED TOWARD MINNESOTA, BUT WOULD BE USEFUL FOR ANY STATE.

EPAWC2556
RESOURCE RECOVERY CASE HISTORIES TECHNICAL SEMINAR PROCEEDINGS DATE: 75-03
AUTHOR(S): WWEMA TYPE(S): PM CATEGORIES: D L M P T
SOURCE(S): WWEMA COST: 25.00 P LEVEL: 3 COPYRIGHT: C
SUBJECT AREAS:
LAWS AND REGULATIONS SPILLS (OIL) INDUSTRIAL WASTES PUBLIC PARTICIPATION
RESOURCE RECOVERY TERTIARY TREATMENT SECONDARY TREATMENT
REMARKS AND ABSTRACT:
63 TECHNICAL PAPERS, SOFT BOUND.
EACH TOPIC LISTED ENCOMPASSES THREE TO FIVE SPECIFIC AREAS WITH AT LEAST ONE PAPER ON ANY GIVEN SUBJECT AREA.

EPAWC2558
SELF MONITORING PROCEDURES BASIC PARAMETERS FOR MUNICIPAL EFFLUENTS STAFF GUIDE DATE: 75-00
AUTHOR(S): EPA TYPE(S): PM CATEGORIES: M
SOURCE(S): EPA2 COST: LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
BIOCHEMICAL OXYGEN DEMAND PH FECAL COLIFORMS CHLORINE RESIDUAL
FLOW MEASUREMENT SAMPLING NPDES PERMITS MONITORING
ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
(EPA-430/1-74-011), 335PP.
THIS GUIDE CONTAINS THE OFFICIAL ACCEPTED PROCEDURES FOR BIOCHEMICAL OXYGEN DEMAND, PH, FECAL COLIFORMS, RESIDUAL CHLORINE, FLOW MEASUREMENT, SAMPLING, FOR CONFORMANCE WITH NPDES PERMITS. THIS GUIDE IS FOR THE INSTRUCTOR IMPLEMENTING A TRAINING PROGRAM.

EPAWC2559
SELF MONITORING PROCEDURES BASIC PARAMETERS FOR MUNICIPAL EFFLUENTS STUDENT REFERENCE MANUAL DATE: 75-00
AUTHOR(S): EPA TYPE(S): PM CATEGORIES: M
SOURCE(S): EPA2 COST: LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
BIOCHEMICAL OXYGEN DEMAND PH FECAL COLIFORMS SUSPENDED MATTER
CHLORINE RESIDUAL FLOW MEASUREMENT SAMPLING NPDES PERMITS
MONITORING ANALYTICAL TECHNIQUES
REMARKS AND ABSTRACT:
(EPA-430/1-74-015), 300PP.
PARAMETERS INCLUDED IN THIS COURSE ARE BOD5, PH, FECAL COLIFORM, RESIDUAL CHLORINE, SUSPENDED SOLIDS, AND OPEN CHANNEL FLOW. AT THE CONCLUSION OF THIS TRAINING THE STUDENT WILL BE FAMILIAR WITH THE STANDARD TEST PROCEDURE FOR EACH PARAMETER, WILL HAVE PERFORMED EACH ANALYSIS, AND WILL BE ABLE TO USE A PARSHALL FLUME OR WEIR TO MEASURE EFFLUENT FLOW. HE WILL ALSO KNOW WHAT EQUIPMENT AND SUPPLIES ARE NEEDED IN CONNECTION WITH EACH PROCEDURE.

EPAWC2573
PRINCIPLES AND METHODS FOR DETERMINING ECOLOGICAL CRITERIA ON HYDROBIOCENOSES DATE: 76-00
AUTHOR(S): ANAVIS P SHEETS J TYPE(S): PM CATEGORIES: T
SOURCE(S): PERGAMON COST: 35.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
MONITORING BIOLOGICAL ANALYSIS
REMARKS AND ABSTRACT:
531PP., ILLUSTRATIONS.
COLLOQUIUM ORGANISED BY THE HEALTH PROTECTION DIRECTORATE OF THE DIRECTORATE OF THE DIRECTORATE-GENERAL FOR SOCIAL AFFAIRS TOGETHER WITH THE ENVIRONMENT AND CONSUMER PROTECTION SERVICE AND THE ENVIRONMENTAL RESEARCH DIVISION OF THE DIRECTORATE-GENERAL FOR RESEARCH, SCIENCE AND EDUCATION IN LUXEMBOURG, NOV. 1975.

EPAW02574 DATE: 76-00
INDUSTRIAL WASTE WATER AND WASTER
AUTHOR(S): GORANSSON B
SOURCE(S): PERGAMCN
COST: 35.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
INDUSTRIAL WASTES
MEETINGS AND CONFERENCES
REMARKS AND ABSTRACT:
(ISBN 0-08-020954-8 HI, 36PP.
MAIN LECTURES PRESENTED AT THE 2ND INTERNATIONAL CONGRESS ON INDUSTRIAL WASTEWATER AND WASTES, STOCKHOLM, SWEEDEN FEBRUARY 1975.

EPAW02575 DATE: 76-00
HARDNESS OF DRINKING WATER ANC PUBLIC HEALTH
AUTHOR(S): AMAVIS R HUNTER W
SOURCE(S): PERGAMCN
COST: 35.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
SUBJECT AREAS:
PUBLIC HEALTH
HARDNESS
REMARKS AND ABSTRACT:
(ISBN 0-08-020898-3), 554PP., EDITCR: J. SWEETS.
PROCEEDINGS OF THE EUROPEAN SCIENTIFIC COLLOQUIUM ON HARDNESS OF DRINKING WATER AND PUBLIC HEALTH, LUXEMBOURG 1975.
INCLUDES: HARDNESS CF DRINKING WATER IN RELATION TO ITS OTHER PHYSICO-CHEMICAL QUALITY PARAMETERS: INTAKE OF MPINERALS BY MAN. EPIDEMIOLOGICAL DATA RELATING TO THE PHYSICO-CHEMICAL QUALITY OF DRINKING WATER. CURRENT RESEARCH ON THE PRESENCE OF MINERAL ELEMENTS IN DRINKING WATER AND FOOD IN RELATION TO PUBLIC HEALTH.

EPAW02576 DATE: 76-00
ENCYLOPEDIA OF OCCUPATIONAL HEALTH AND SAFETY
AUTHOR(S):
SOURCE(S): MCGRAW
COST: 59.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T O
COPYRIGHT:
SUBJECT AREAS:
SAFETY
INDUSTRIAL HEALTH
MANUALS
STATISTICAL DATA
REMARKS AND ABSTRACT:
2 VOLUMES, 1600PP., ILLUSTRATIONS, TABLES, DRAWINGS, CHARTS.
HOW-TO-DO-IT REFERENCE ON OCCUPATIONAL RISKS AND THEIR PREVENTION. PRESENTS ALL THE ESSENTIAL INFORMATION ACCUMULATED TO DATE ON ALL ASPECTS OF WORKER SAFETY AND HEALTH--INDUSTRY BY INDUSTRY, OCCUPATION BY OCCUPATION, HAZARD BY HAZARD, AND PREVENTIVE MEASURE.

EPAW02577 DATE: 76-00
HIGHWAYS AND OUR ENVIRONMENT
AUTHOR(S): ROBINSON J
SOURCE(S): MCGRAW
COST: 30.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: E P
COPYRIGHT:
SUBJECT AREAS:
PUBLIC PARTICIPATICN
ENVIRONMENTAL EFFECTS
TRANSPCRTATION
REMARKS AND ABSTRACT:
320PP.
NOT CNLY DELINEATES THE DAMAGING EFFECTS OF OUR HIGHWAYS ON THE ENVIRONMENT, BUT BRINGS A WEALTH OF CLEAR FACTS AND CONSTRUCTIVE THINKING TO BEAR ON THIS URGENT SUBJECT. SHOWS CITIZENS AND GROUPS HOW THEY CAN ACT MORE FORCEFULLY AND WHERE TO GET FUNDS ANC AID, TC RETURN OUR ROADS AND STREETS TO US.

EPAW02578

MAINTENANCE FUNDAMENTALS SUPERVISORS MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
RECORD KEEPING
REMARKS AND ABSTRACT:
BINDER.
COST: 10.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 75-99
MAINTENANCE
DESIGNED TO PROVIDE A CONVENIENT, SECURE FILING SYSTEM FOR THE STESTS, ANSWER KEYS, PROGRESS CHARTS, COMPLETION CERTIFICATES AND TRAINING SCHEDULES. ORDER ONE BINDER FOR EACH SUPERVISOR INVOLVED WITH THE TRAINING COURSE.

EPAW02579

ELECTRICAL MAINTENANCE SUPERVISORS MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
BINDER
COST: 10.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
RECORD KEEPING
ELECTRIC POWER
DESIGNED TO PROVIDE A CONVENIENT, SECURE FILING SYSTEM FOR THE TESTS, ANSWER KEYS, PROGRESS CHARTS, COMPLETION CERTIFICATES AND TRAINING SCHEDULES. ORDER ONE BINDER FOR EACH SUPERVISOR INVOLVED WITH THE TRAINING COURSE.

EPAW02580

BASIC PNEUMATICS UNIT 9 MECHANICAL MAINTENANCE
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
AEROBIC TREATMENT
REMARKS AND ABSTRACT:
APPROX. 160PP.
COST: 20.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
EQUIPMENT (PLANT)
SHOWS HOW WORK FORCE, AND ENERGY ARE APPLIED TO PRINCIPLES OF PNEUMATICS. COVERS OPERATING PRINCIPLES OF RECIPROCATING, POSITIVE DESPLACEMENT, ROTARY, AND DYNAMIC AIR COMPRESSORS. PRIMARY AND SECONDARY AIR TREATMENT, INCLUDING MOISTURE REMOVAL, OIL SCRUBBERS, CONTAMINANT FILTRATION, AC LUBRICATION. COMPONENTS INCLUDE VALVES, LOGIC DEVICES, CYLINDERS, AND AIR MOTORS.

EPAW02581

PNEUMATIC TROUBLESHOOTING UNIT 10 MECHANICAL MAINTENANCE
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
APPROX. 160PP.
COST: 20.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 75-99
OVERVIEW OF PNEUMATIC SYSTEM. USE OF SCHEMATIC SYMBOLS AND DIAGRAMS. PROPER INSTALLATION OF SYSTEM COMPONENTS. PLANNED MAINTENANCE OF A PNEUMATIC SYSTEM. SYSTEM DIAGNOSIS, AND STEP-BY-STEP TROUBLESHOOTING RECOMMENDATIONS FOR SYSTEM COMPONENTS INCLUDING AIR COMPRESSORS, CONTROL VALVES, ELECTRICAL COMPONENTS AND AIR MOTORS. SPECIFIC PRACTICES FOR PNEUMATIC/HYDRAULIC SYSTEMS.

EPAW02582

MECHANICAL MAINTENANCE SUPERVISORS MANUAL
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
BINDER.
DESIGNED TO PROVIDE A CONVENIENT, SECURE FILING SYSTEM FOR THE TESTS, ANSWER KEYS, PROGRESS CHARTS, COMPLETION CERTIFICATES AND TRAINING SCHEDULES. ORDER ONE BINDER FOR EACH SUPERVISOR INVOLVED WITH THE TRAINING COURSE.

COST: 10.50 P
RECORD KEEPING
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99

EPAW02583

ARC WELDING PROCESSES UNIT 3 MAINTENANCE WELDING
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
APPROX. 80PP.
COVERS THE COMMON ELECTRIC WELDING METHOD SUCH AS SHIELDED METAL ARC (STICK) WELDING, GAS METAL-ARC (MIG) WELDING, AND GAS TUNGSTEN-ARC (TIG) WELDING. EXPLAINS MORE SPECIALIZED FORMS SUCH AS RESISTANCE, SUBMERGED ARC, PLASMA ARC, ULTRASONIC, AND ELECTRON BEAM WELDING. TRAINEES RECEIVE THOROUGH INDOCTRINATION TO SYSTEMS, TOOLS, METHODS, AND TECHNIQUES. LEARNS PROCEDURES, WITH SPECIAL EMPHASIS ON SAFETY AND PROTECTIVE EQUIPMENT.

COST: 15.50 P
METAL WORK
SAFETY (MECHANICAL)
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW02584

ARC WELDING PRACTICES UNIT 4 MAINTENANCE WELDING
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
MAINTENANCE
REMARKS AND ABSTRACT:
APPROX. 80PP.
DETAILS SPECIFIC WELDING APPLICATIONS, AND FITS THE WELDING METHOD TO THE JOB TO BE DONE. EXPLAINS PREHEATING AND POSTHEATING, WITH SPECIFIC RECOMMENDATIONS FOR A BROAD RANGE OF METALS. PROVIDES DETAILED INFORMATION ON SUCH MAINTENANCE APPLICATIONS AS REPAIRING CAST IRON (BOTH WELDING AND BRAZING), PIPE WELDING, HARDSURFACING AND METAL BUILDUP WELDS, TANK AND CONTAINER WELDING, STRUCTURAL WELDING, AND CUTTING AND GOUGING, INVOLVING A BROAD RANGE OF METALS. HEAVY EMPHASIS ON SAFETY ASSURES AWARENESS OF POTENTIAL HAZARDS.

COST: 15.50 P
METAL WORK
SAFETY (MECHANICAL)
TYPE(S): PM
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99

EPAW02585

MAINTENANCE WELDING SUPERVISORS MANUAL BINDER
AUTHOR(S): TECH PUBL
SOURCE(S): TECH PUBL
SUBJECT AREAS:
RECORD KEEPING
REMARKS AND ABSTRACT:
BINDER.
DESIGNED TO PROVIDE A CONVENIENT, SECURE FILING SYSTEM FOR THE TESTS, ANSWER KEYS, PROGRESS CHARTS, COMPLETION CERTIFICATES AND TRAINING SCHEDULES. ORDER ONE BINDER FOR EACH SUPERVISOR INVOLVED WITH THE TRAINING COURSE.

COST: 10.50 P
METAL WORK
TYPE(S): PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99

EPAW02587

TELL ME ABOUT YOURSELF
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
PERSONNEL
COST: 60.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 76-00
REMARKS AND ABSTRACT:
16MM, 25 MIN., COLOR; PURCHASE PRICE: $425.00.
COMPLETE OVERVIEW OF AN EMPLOYMENT INTERVIEW FROM BEGINNING TO END. UNIQUE CHANCE TO GO BEHIND THE SCENES AND OBSERVE THE INTERVIEWER'S THOUGHTS AND CONCERNS AS SHE THINKS HER WAY THROUGH THE PROBLEMS AND OPPORTUNITIES OF A TYPICAL EMPLOYMENT INTERVIEW. HELPS INTERVIEWERS SELECT EXACTLY THE RIGHT PERSON FOR THE RIGHT JOB.

EPAW02588

WHERE ARE YOU WHERE ARE YOU GOING
AUTHOR(S): ROUNDTABLE
SOURCE(S): ROUNDTABLE
SUBJECT AREAS:
JOB ANALYSIS
COST: 60.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 76-00
REMARKS AND ABSTRACT:
16MM, 24 MIN., COLOR; PURCHASE PRICE: $400.00.
OPPORTUNITY FOR MANAGERS TO OBSERVE, REFLECT UPON AND LEARN FROM A MODEL PERFORMANCE APPRAISAL FROM THE PREPARATORY STAGE RIGHT THROUGH THE CONCLUSION OF THE INTERVIEW. FOCUSES ON THE APPREHENSION OF A YOUNG MANAGER AS SHE APPROACHES HER FIRST APPRAISAL INTERVIEW SEVERAL MONTHS AFTER RECEIVING HER NEW ASSIGNMENT AND THE TECHNIQUES HER SUPERIOR USES TO PUT HER AT EASE AND PROBE THE PROBLEM AREAS OF HER WORK. OPTIONAL STOPS ARE BUILT IN TO HELP FOCUS ON ALL THE SSTAGES OF THE PERFORMANCE INTERVIEW.

EPAW02589

BIOLOGICAL MONITORING FOR INDUSTRIAL CHEMICAL EXPOSURE CONTROL
AUTHOR(S): LINCH A L
SOURCE(S): CRC PRESS
SUBJECT AREAS:
SAFETY (CHEMICAL)
COST: 36.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
HAZARDOUS POLLUTANTS
HEALTH EFFECTS
(CAT. NO. 5075 FC) (ISBN 0-87819-048-X) 188PP.
HOW MUCH OF THE HAZARDOUS SUBSTANCE WAS ABSORBED AND HOW DID THE EXPOSURE EFFECT THE WORKMAN MUST BE DERIVED FROM DIRECT QUANTATIVE ANALYSIS OF EXPIRED AIR, BODY FLUIDS, OR TISSUE FOR THE PRESENCE OF THE HAZARDOUS SUBSTANCE OR ITS METABOLITES, AND BY INDIRECT DETERMINATION OF THE MAGNITUDE OF ITS EFFECT ON THE FUNCTIONING OF THE TARGET ORGANS OR TISSUES. OBSERVATIONS OF ACTUAL RESPONSE ARE THE ULTIMATE TEST TOXICOLOGICAL HAZARD, THOUGH ANIMAL EXPERIMENTS ARE NECESSARY IN PROPER PERSPECTIVE. QUANTATIVE STANDARDS FOR HUMAN SAFETY CAN BE ESTABLISHED ONLY THROUGH EXPERIENCE.

EPAW02590

ENVIRONMENTAL MERCURY PROBLEM
AUTHOR(S): DITRI F M
SOURCE(S): CRC PRESS
SUBJECT AREAS:
MERCURY
COST: 29.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T L
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(CAT. NO. 5024 FC) (ISBN 0-87819-005-8), 136PP.
EXTENSIVE REVIEW OF THE LITERATURE PERTINENT TO THE MERCURY CONTAMINATION PROBLEM. RECOMMENDATIONS AND CONCLUSIONS CONTAINED THEREIN FORMED THE BASIS OF TOXIC SUBSTANCES BILL TO BE INTRODUCED INTO THE MICHIGAN HOUSE OF REPRESENTATIVES.

EPAW02591

FLUORIDATION
AUTHOR(S): MAIER F J
SOURCE(S): CRC PRESS
SUBJECT AREAS:
FLUORIDATION
REMARKS AND ABSTRACT:
COST: 9.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 72-00
HEALTH EFFECTS
(CAT. NO. 0116FC) 53PP.
DISCUSSES FLUORIDES IN WATER AND THEIR EFFECTS ON DENTAL HEALTH; THE ADDITION OF FLUORIDES TO WATER, WHERE NEEDED, QUANTITIES REQUIRED, AND THE DESIGN OF THE FLUORIDATION SYSTEM; DEFLUORIDATION OF WATER.

EPAW02592

PHYSICAL AND ENGINEERING ASPECTS OF THERMAL POLLUTION
AUTHOR(S): PARKER F L
SOURCE(S): CRC PRESS
SUBJECT AREAS:
THERMAL POLLUTION
REMARKS AND ABSTRACT:
COST: 9.95 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: T
COPYRIGHT:
DATE: 70-00
ELECTRIC POWER
(CAT. NO. 0102FC) (ISBN 0-87819-102-X), 100PP.
MAJOR SOURCES OF THERMAL POLLUTION, INCLUDING CENTRAL GENERATING STATIONS, ARE DISCUSSED IN DETAIL. COVERAGE EXPLORES THE RATE OF COOLING WATER REQUIREMENTS, THE POSSIBILITIES OF IMPROVED EFFICIENCIES IN ELECTRICITY PRODUCTION, THE LIMITED AVAILABILITY OF COOLING WATER AND THE MECHANISMS AND MEANS OF HEAT DISSIPATION. TWO CHAPTERS ARE DEVOTED TO THE EFFECTS OF HEATED DISCHARGES UPON THE BIOTA AND HYDRO-DYNAMICS OF THE RECEIVING WATER.

EPAW02593

MODERN PERFORMANCE REVIEW
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
JOB ANALYSIS
REMARKS AND ABSTRACT:
COST: 199.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
(552L) 28 TRANSPARENCIES, ARTICLE REPRINTS, VISUALS KIT.
EXAMINES THE COMMON APPRAISAL REVIEW PITFALLS AND PRESENTS A FI-STEP SYSTEMS APPROACH WHICH CAN PROFESSIONALIZE THE PERFORMANCE APPRAISAL PROCESS. HELPS MANIMIZE THE NEGATIVE SIDE EFFECTS AND SHORT LIFE CYCLE TYPICAL OF SO MANY PROGRAMS. COORDINATES REVIEW STRUCTURES, PROCESSES, AND ENVIRONMENT TOWARD IMPROVEMENT OF THE HUMAN ELEMENT OF THE ORGANIZATION. SAMPLE REVIEW FORMS ARE INCLUDED.

EPAW02594

BUILDING BASIC MANAGEMENT SKILLS
AUTHOR(S): WILLIAMS P M
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
REMARKS AND ABSTRACT:
COST: 59.95 P
TYPE(S): AC
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
(WW 501CL) 4 CASSETTES, LECTURE NOTES.
SERIES OF LECTURES BY DR. PATRICK M. WILLIAMS, DIRECTOR OF THE CENTER FOR ORGANIZATION AND MANPOWER DEVELOPMENT AT SAN JOSE STATE UNIVERSITY. LECTURES COVER BASIC SUPERVISORY SKILLS, MANAGEMENT COMMUNICATION SKILLS, AND MANAGEMENT TEAM BUILDING.

EPAW02595
SYSTEMS APPROACH TO MANAGEMENT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
COST: 79.95 P
TYPE(S): OT PM
LEVEL: 3
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(W 8204TL) 10 TRANSPARENCIES, LECTURE NOTES, VISUALS KIT.
SHOWS COMPONENTS OF A SYSTEM, INTERRELATION OF COMPONENTS, FLOW OF INFORMATION IN SYSTEMS, OPERATION OF FEEDBACK LOOPS FOR CONTROL, AND APPLICATION OF SYSTEMS THEORY TO ORGANIZATIONS.

EPAW02596
MANAGING CHANGE
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
COST: 89.95 P
TYPE(S): OT PM
LEVEL: 3
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(WB302TL) 12 TRANSPARENCIES, LECTURE NOTES, VISUALS KIT.
INCLUDES: PRESSURES FOR CHANGE, TECHNIQUES FOR FORECASTING CHANGE, DIFFUSION OF INNOVATION, RESISTANCE TO CHANGE, ASSESSING THE ORGANIZATIONS'S NEED FOR CHANGE, POWERFUL VEHICLES FOR CHANGE, INTRODUCING CHANGE INTO CULTURES, PATTERNS FOR SUCCESSFUL CHANGE IN ORGANIZATIONS, STEPS IN THE SYSTEMS APPROACH TO CHANGE.

EPAW02597
DELEGATING AUTHORITY
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
SUPERVISION
COST: 79.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(W304TL) 10 TRANSPARENCIES, LECTURE NOTES, VISUALS KIT.
EFFECTIVE DELEGATION OF AUTHORITY IS A MUST FOR EVERY SUCCESSFUL MANAGER. OUTLINES THE ESSENTIALS OF THIS PROCESS.

EPAWC2595
MANAGEMENT THROUGH ACHIEVEMENT THINKING
AUTHOR(S): MCCLELLAND D C
SOURCE(S): LANSFORD
SUBJECT AREAS:
MANAGEMENT
COST: 119.95 P
TYPE(S): OT PM
LEVEL: 3
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
(555L) 15 TRANSPARENCIES, LECTURE NOTES, ARTICLE REPRINTS, VISUALS KIT.
PROVIDES A PROGRAM THAT CAN BE USED WITH A MANAGEMENT TEAM IN ANY TYPE OF ACTIVITY (INDUSTRY, GOVERNMENT, SCHOOLS, HOSPITALS) THAT WILL BE THE BASIS FOR IMPROVED PERFORMANCE. IT PROVIDES THE BASIS FOR MANAGERIAL THINKING THAT SAYS, "WHAT SHOULD BE DONE, CAN BD DONE". THIS MATERIAL WILL STRENGTHEN OTHER PROVEN MANAGERIAL APPROACHES SUCH AS MANAGEMENT BY OBJECTIVES AND POSITIVE REINFORCEMENT.

DATE: 76-99

EPAW02600
PLANNING AND RUNNING EFFECTIVE MEETINGS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 129.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
MANAGEMENT
COMMUNICATION
REMARKS AND ABSTRACT:
(W ROG301TL) TRANSPARENCIES, LECTURE NOTES, ARTICLE REPRINTS, VISUALS KIT.
EXAMINES SMALL GROUP INTERACTION, INCLUDING PURPOSE, FUNCTION AND DECISION-MAKING PROCESSES. PRACTICAL ADVICE IS OFFERED FOR BOTH LEADER AND PARTICIPANTS.

DATE: 76-99

EPAW02601
IMPROVING PERFORMANCE THROUGH POSITIVE REINFORCEMENT
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 139.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
HUMAN REL AND PSYCHOL ASPECTS JOB ANALYSIS
REMARKS AND ABSTRACT:
(556L) 18 TRANSPARENCIES, LECTURE NOTES, ARTICLE REPRINTS, WORK FORMS, VISUALS KIT.
REVIEWS CONCEPTS OF POSITIVE REINFORCEMENT AS THEY APPLY TO THE MANAGEMENT OF PERFORMANCE IN INDUSTRY, GVERNMENT DEPARTMENTS, SCHOOLS, AND HOSPITALS. THE MATERIALS WILL SHOW HOW TO DEVELOP PROCEDURES TO IMPROVE PERFORMANCE IN HIGHLY MEASURABLE, LESS MEASURABLE, SHORT-TERM AND LONG-TERM ACTIVITIES. THE WHOLE PROCEDURE IS AIMED AT IMPROVING PERFORMANCE ON THE JOB, REDUCING LOSSES OF QUALIFIED EMPLOYEES AND IMPROVING MANAGER-EMPLOYEE RELATIONSHIPS.

DATE: 76-99

EPAW02602
JOB EVALUATION
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 139.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
JOB ANALYSIS
REMARKS AND ABSTRACT:
(557L) 18 TRANSPARENCIES, LECTURE NOTES, ARTICLE REPRINTS, EXERCISES, VISUALS KIT.
PROGRAM OF WAGE AND SALARY ADMINISTRATION BASED ON A WELL-DESIGNED JOB EVALUATION PLAN AND EMPLOYEES WHO UNDERSTAND IT. DEVELOPED WITH THE LAYMAN IN MIND WHO NEEDS AN UNDERSTANDING OF HOW JOB EVALUATION WORKS AND HOW IT CAN BE TAILOR-MADE TO ANY KIND OF ORGANIZATION. EXERCISES PROVIDE PRACTICE AND UNDERSTANDING OF THE MOST POPULAR AND VERSATILE JOB EVALUATION TECHNIQUE, THE POINT METHOD.

DATE: 76-99

EPAW02603
EFFECTIVE LISTENING
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
COST: 89.95 P
TYPE(S): OT PM
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
COMMUNICATION (ORAL)
REMARKS AND ABSTRACT:
(560L) 12 TRANSPARENCIES, LECTURE NOTES, SUPPLEMENTS, WORKSHEETS, VISUALS KIT.
DISCUSSES PROBLEMS OF EFFECTIVE LISTENING AND SUGGESTIONS FOR IMPROVED AND EFFICIENT LISTENING. DISCUSSES THE NEED FOR EFFECTIVE LISTENING, SPEAKER AND LISTENER ROLES, PROBLEMS WITH LISTENING, STEPS TO IMPROVED LISTENING, PUZZLE OF COMMUNICATION, HOW TO LISTEN ACCURATELY, CHECKS FOR GOOD LISTENING, HEARING IS NOT LISTENING, AND FILTERS. GROUP PROJECT IDEAS AND WORKSHEETS ARE INCLUDED, AS WELL AS SUPPLEMENTARY BOOKLETS.

EPAW02604

HIDDEN COMMUNICATION BARRIERS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
COST: 119.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
HUMAN REL AND PSYCHOL ASPECTS
(WP301TL) 15 TRANSPARENCIES, LECTURE NOTES, VISUALS KIT.
DESCRIBES CRITICAL ETHNIC, GHETTO, AND CROSS-CULTUREAL PROTECTIVE MECHANISMS OFTEN IGNORED. INVITES STUDY OF SPECIFIC INDIDENTS AND STYLES WHICH NEEDLESSLY FRUSTRATE MUTUAL GOALS.

EPAW02605

MANAGEMENT COMMUNICATION SKILLS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION (ORAL)
REMARKS AND ABSTRACT:
COST: 119.95 P
TYPE(S): OT AC PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
HUMAN REL AND PSYCHOL ASPECTS
(WW402TCL) 12 TRANSPARENCIES, 1 CASSETTE, ECTURE NOTES, HANDOUT MASTERS, ARTICLE REPRINTS, VISUALS KIT.
PROVIDING A FOUNDATION FOR GOOD INTERPERSONAL COMMUNICATION, UP, DOWN, AND LATERALLY IN THE ORGANIZATION. RISK, FEEDBACK, LISTENING WITH EMPATHY, COGNITIVE DISSONANCE, CONGRUENCE, LEVELING, CLARIFYING, AND DIFFERENTIATING ARE SOME OF THE SKILLS TO BE DEVELOPED. BARRIERS AND SOLUTIONS TO INTRA AND INTERPERSONAL COMMUNICATION ARE EXPLORED THROUGH THE USE OF THE JOHARI WINDOW, FIRO, TRANSACTIONAL ANALYSIS, GESTALT, AND EXISTENTIAL MODELS. EXERCISES GUIDE THE PRACTICE AND DEVELOPMENT OF COMMUNICATION, FACILITATION, AND LEADERSHIP SKILLS.

EPAW02606

VISUAL PERCEPTION CHARACTERISTICS AND LIMITATIONS
AUTHOR(S): LANSFORD
SOURCE(S): LANSFORD
SUBJECT AREAS:
COMMUNICATION
REMARKS AND ABSTRACT:
COST: 129.95 P
TYPE(S): OT PM
LEVEL: 2
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
VISUAL AIDS
(WP04TL) 17 TRANSPARENCIES, LECTURE NOTES, VISUALS KIT.
IT IS OFTEN SAID THAT SEEING IS BELIEVING; HOWEVER, AS THESE TRANSPARENCIES SHOW, SEEING CAN BE DECEIVING. INDIVIDUALS' PERCEPTIONS OF THEIR OBSERVATIONS OFTEN DEPEND TO A LARGE EXTENT ON THE CONTENT IN WHICH OBJECTS OR SITUATIONS ARE VIEWED. ILLUSIONS AND SAMPLES OF PERCEPTUAL EFFECTS ARE ILLUSTRATED AND EXPLAINED.

EPAW02607

LAKES AND PONDS
AUTHOR(S): TOURBIER J
SOURCE(S): ULI
SUBJECT AREAS:
LAKES
REMARKS AND ABSTRACT:
WESTMACOTT R
COST: 12.00 P
TYPE(S): PM
LEVEL: 1
CATEGORIES: E
COPYRIGHT:
DATE: 76-CO
ENVIRONMENTAL EFFECTS
CONSIDERS LAKES AND PONDS FROM THE VIEWPOINT OF GOOD LAND USE AND DEVELOPMENT PRACTICES, INCLUDING INCREASED REAL ESTATE VALUES AND RESIDENTIAL AND USER SATISFACTION. PINPOINTS DESIGN CRITERIA SUCH AS ENGINEERING SURVEYS, SITE SELECTION, DOWNSTREAM PROBLEMS, CATCHMENT AREAS, DEPTH, SPILLWAYS, DAMS, TRICKLE TUBES, SEALING AND WAVE ACTION. HIGHLIGHTS ENVIRONMENTAL CONCERNS--BIOLOGICAL WATER QUALITY IMPROVEMENT, WILDLIFE HABITATS, AQUATIC VEGETATION, SILTATION, DETENTION AND RETENTION BASINS, SEDIMENT CONTROL. IDENTIFIES PROBLEMS AND SETS GUIDELINES.

EPAW02608 DATE: 75-00

COMPLETE GUIDE TO BUILDING AND PLANT MAINTENANCE
AUTHOR(S): SACK T F
SOURCE(S): PRENT HALL COST: 24.95 P TYPE(S): PM LEVEL: 3 CATEGORIES: S O COPYRIGHT:
SUBJECT AREAS:
MANUALS MAINTENANCE SAFETY COSTS
EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
75 HOW-TO-DO-IT SECTIONS, 48 PHOTOS, 130 FORMS, TABLES, CHARTS AND CHECKLISTS.
HANDBOOK ON EVERY CLEANING AND MAINTENANCE JOB. SHOWS HOW TO LENGTHEN THE LIFE OF EQUIPMENT, PREVENT EMERGENCIES AND THEIR HIGHCOST REPAIRS, REDUCE OVERTIME PAY, SAVE MONEY WHEN BUYING MATERIALS AND EQUIPMENT. COVERS HUNDREDS OF CLEANING AND MAINTENANCE JOBS AND SHOWS EXACTLY WHAT THE JOB INVOLVES; THE FASTEST, MOST EFFICIENT WORK METHODS; MAN-HOURS OF LABOR REQUIRED; FREQUENCY SCHEDULE FOR DOING THE WORK; EQUIPMENT NEEDED PER MAN, AND HOW OFTEN TO REPLACE IT.; PERFORMANCE INSPECTION STANDARDS.

EPAW02609 DATE: 73-07

BASIC WATER AND SEWAGE
AUTHOR(S): USN
SOURCE(S): USN COST: 3.85 P TYPE(S): PM LEVEL: 1 CATEGORIES: T O M COPYRIGHT:
SUBJECT AREAS:
WATER CHARACTERISTICS MATHEMATICS OPERATIONS (WASTEWATER) HYDRAULICS
CORRESPONDENCE COURSES MAINTENANCE (WASTEWATER) EQUIPMENT (PLANT)
REMARKS AND ABSTRACT:
(NTTC COURSE NO. 115), 187PP.
THIS CORRESPONDENCE COURSE, COMPRISING THREE VOLUMES, IS INTENDED TO PROVIDE BASIC MATERIAL NECESSARY TO UNDERSTAND THE PROCESSES OF WATER AND SEWERAGE SYSTEMS AS WELL AS INFORMATION AND GUIDE LINES ON THE OPERATION OF EQUIPMENT ASSOCIATED WITH THE PROCESS.

EPAW02613 DATE: 75-00

OCEAN WASTE DISPOSAL PRACTICES
AUTHOR(S): REED A W
SOURCE(S): NOYES COST: 24.00 P TYPE(S): PM LEVEL: 3 CATEGORIES: T COPYRIGHT:
SUBJECT AREAS:
MARINE POLLUTION
REMARKS AND ABSTRACT:
(ISBN 0-8155-0591-4), 334PP.
AN EVALUATION OF WASTE DISCHARGES AND PRACTICES AS THEY AFFECT THE LITTORAL REGIONS OF THE UNITED STATES, WITH MANY PROJECTIONS OF THE ULTIMATE INFLUENCE UPON THE WORLD OCEAN. THE PROBLEMS OF RAPIDLY INCREASING WASTE LOADS ARISING FROM THE EXPONENTIAL INCREASE OF POPULATIONS MAKE A CONSTANT REVIEW OF THE ASSIMILATION CAPACITY OF COASTAL WATERS A PRESSING NECESSITY. PROVIDES SCIENTIFIC FINDINGS, EVALUATIONS, AND CONCLUSIONS WITH RESPECT TO POSSIBLE LO-RANGE EFFECTS OF OCEANIC POLLUTION AND MAN-INDUCED CHANGES OF OCEAN ECOSYSTEMS.

EPAW02614
DECISION MAKING FOR REGULATING CHEMICALS IN THE ENVIRONMENT
AUTHOR(S): NAC
SOURCE(S): NAC
SUBJECT AREAS:
ADMINISTRATIVE AGENCIES CHEMICALS
REMARKS AND ABSTRACT:
(ISBN 0-309-02401-3), 232PP.
DEALS WITH FOUR AREAS THAT ARE CONSIDERED TO BE THE MOST IMPORTANT FOR AN EQUITABLE AND RATIONAL DECISION-MAKING PROCESS. THESE FOUR AREAS ARE: THE STATUTORY AND ORGANIZATIONAL BASIS FOR REGULATION; OPENNESS AND ACCESS TO THE DECISION-MAKING PROCESS; THE AVAILABILITY OF ADEQUATE AND RELIABLE INFORMATION; AND THE PROPER USE OF ANALYSIS.
DATE: 75-00
COST:
TYPE(S): PM
LEVEL: 3
CATEGORIES: L P
COPYRIGHT:

EPAW02615
COLLECTIVE DECISION MAKING IN WATER RESOURCE PLANNING
AUTHOR(S): BURKE R HEANEY J P
SOURCE(S): HEATH
SUBJECT AREAS:
WATER RESOURCES
REMARKS AND ABSTRACT:
(LC 75-603) (ISBN 0-669-98178-8), 352PP.; NOTES, TABLES, FIGURES, BIBLIOGRAPHY, INDEX.
FOCUSES ON WATER RESOURCE PLANNING AND DECISION-MAKING WHICH, BY DEFINITION, SPAN ALL WATER-RELATED ACTIONS, EVENTS, AND CONCERNS FROM THE INITIAL AWARENESS OF NEEDS THROUGH THE FINAL IMPLEMENTATION OF PROGRAMS DESIGNED TO SATISFY THOSE NEEDS.
DATE: 75-00
COST: 19.50 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P
COPYRIGHT:

EPAW02616
RESOURCE MANAGEMENT IN THE GREAT LAKES BASIN
AUTHOR(S): BUTRICO F A
SOURCE(S): HEATH
SUBJECT AREAS:
WATER RESOURCES LAKES GREAT LAKES
REMARKS AND ABSTRACT:
(LC 79-139400) (ISBN 0-669-63628-2), 206PP.
THE WATER MANAGEMENT COMPLEX OF THE GREAT LAKES PRESENTS AN INTERNATIONAL PROBLEM OF LONG-RANGE SIGNIFICANCE. THIS STUDY PROPOSES A FRESH NEW APPROACH TO TRADITIONAL RESOURCE MANAGEMENT IN THE GREAT LAKES BASIN.
DATE: 71-00
COST: 15.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: P
COPYRIGHT:

EPAW02617
ENVIRONMENTAL POLICY AND ADMINISTRATIVE CHANGE
AUTHOR(S): ANDREWS R N
SOURCE(S): HEATH
SUBJECT AREAS:
WATER RESOURCES LAWS AND REGULATIONS ENVIRONMENTAL IMPACT STMTS ADMINISTRATIVE AGENCIES
REMARKS AND ABSTRACT:
(LC 76-7265) (ISBN 0-669-00682-3) AVAILABLE IN SPRING OF 1976; COST NOT YET DETERMINED.
EXAMINES THE PATTERNS OF FEDERAL AGENCY RESPONSE TO THE NATIONAL ENVIRONMENTAL POLICY ACT OF 1970. BASED UPON SOME OF THE MORE THAN 6000 ENVIRONMENTAL IMPACT STATEMENTS ISSUED SINCE THE PASSAGE OF THE NEPA.
DATE: 76-00
COST:
TYPE(S): PM
LEVEL: 3
CATEGORIES: P
COPYRIGHT:

EPAWC2618
FEDERALISM AND CLEAN WATERS THE 1972 WATER POLLUTION CONTROL ACT DATE: 75-00
AUTHOR(S): LIEBER H ROSINOFF B TYPE(S): PM CATEGORIES: L
SOURCE(S): HEATH COST: 18.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
LAWS AND REGULATIONS ADMINISTRATIVE AGENCIES
REMARKS AND ABSTRACT:
(LC 74-33980) (ISBN 0-669-99150) 304PP., TABLES, APPENDIXES, FIGURES, NOTES, BIBLIOGRAPHY.
EXAMINES THE WATER POLLUTION CONTROL ACT. DISSECTS THE INTERGOVERNMENTAL IMPLICATIONS OF THE ACT, ITS INITIAL IMPLEMENTATION, AND THE CHANGING ROLE OF STATE-LEVEL WATER POLLUTION CONTROL PROGRAMS. DEMONSTRATES THE DIFFICULTY OF APPLYING ONE FEDERAL LAW IN 50 STATES.

EPAWC2619
WATER AND SEWER DEVELOPMENT IN RURAL AMERICA A STUDY OF COMMUNITY IMPACTS DATE: 75-00
AUTHOR(S): WARNER D DAJANI J S TYPE(S): PM CATEGORIES: P
SOURCE(S): HEATH COST: 12.50 LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
RURAL IMPACT SEWERS
REMARKS AND ABSTRACT:
(LC 75-18345) (ISBN 0-669-00128-7), 144PP.; NOTES, TABLES, FIGURES, APPENDIXES, BIBLIOGRAPHY.
RURAL COMMUNITY DEVELOPMENT IS THE RESULT OF MANY FACTORS. IN THIS STUDY THE IMPACT OF ONE SUCH FACTOR, IMPROVED WATER AND SEWER SYSTEMS, IS DISCUSSED FROM BOTH ENVIRONMENTAL AND HUMAN STANDPOINTS.

EPAWC262C
POLITICAL ECONOMY OF AMERICAS ENVIRONMENTAL DILEMMA DATE: 73-00
AUTHOR(S): BRENNER M J TYPE(S): PM CATEGORIES: P
SOURCE(S): HEATH COST: 12.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL CONTROL
REMARKS AND ABSTRACT:
(LC 73-11685) (ISBN 0-669-90910-6) 177PP., NOTES, TABLES, APPENDIXES, BIBLIOGRAPHY.
POSES THE CENTRAL ISSUES OF ENVIRONMENTAL POLICY-MAKING WHILE EXAMINING THE INTELLECTUAL AND INSTITUTIONAL RESPONSE TO THE CHALLENGE IT PRESENTS. THE STUDY OFFERS BOTH AN EVALUATION OF THE PRESENT ENVIRONMENTAL STATE OF AFFAIRS AND AN INCISIVE CRITIQUE OF THE QUALITIES AND CONDITIONS OF AMERICAN PUBLIC LIFE THAT THE ECOLOGY MOVEMENT HAS REVEALED.

EPAWC2621
ENVIRONMENTAL CONTROLS IMPACT ON INDUSTRIES DATE: 76-00
AUTHOR(S): LEONE R A TYPE(S): PM CATEGORIES: P L
SOURCE(S): HEATH COST: LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
LAWS AND REGULATIONS COSTS
REMARKS AND ABSTRACT:
(LC 75-32222) (ISBN 0-669-00345-X) IN PRESS; AVAILABLE IN SPRING OF 1976; COST TO BE DETERMINED.
EXAMINES THE EFFECT OF ENVIRONMENTAL CONTROL LEGISLATION ON SIX MANUFACTURING INDUSTRIES. DEMONSTRATES THAT LARGE PERCENTAGES OF TOTAL INDUSTRY CAPACITY CAN BE CLEANED UP AT A REASONABLY UNIFORM (AND OFTEN LOW) COST. INVESTIGATES THE COST DIFFERENCE WITHIN VARIOUS SAGMENTS OF EACH OF SIX INDUSTRIES: PETROLEUM REFINING, PULP AND PAPER, STEEL, TEXTILES, ALUMINUM, AND METAL FINISHING.

EPAW02622
SYSTEM APPROACH TO WATER DISTRIBUTION DATE: 75-00
AUTHOR(S): DEMOYER R HORWITZ L B TYPE(S): PM CATEGORIES: T
SOURCE(S): HEATH COST: 15.00 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
DISTRIBUTION SYSTEMS SYSTEMS ANALYSIS AND MODELING
REMARKS AND ABSTRACT:
(LC 74-33903) (ISBN 0-669-99127-9); FIGURES, TABLES, APPENDICES.
IN THIS STUDY EXISTING DISTRIBUTION SYSTEMS ARE CONTROLLED WITH NO MODIFICATION TO HARDWARE, SO THAT ADEQUATE CUSTOMER PRESSURE IS MAINTAINED. OPERATING COSTS ARE MINIMIZED WHILE VARIOUS SYSTEM VARIABLES ARE KEPT WITHIN CONSTRAINTS. TO ACHIEVE THIS, THE AUTHORS DEVELOP CONCEPTS OF MODELING AND CONTROL NEW TO WATER DISTRIBUTION.

EPAW02623
DECISION MAKING IN WATER RESOURCE ALLOCATION DATE: 73-00
AUTHOR(S): PARK J P MONKS J TYPE(S): PM CATEGORIES: P
SOURCE(S): HEATH COST: 10.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
WATER RESOURCES OREGON PUBLIC PARTICIPATION CASE STUDIES
REMARKS AND ABSTRACT:
(LC 73-988) (ISBN 0-669-86710-1) 120PP.; NOTES, FIGURES, TABLES, INDEX, APPENDICES, BIBLIOGRAPHY, AUTHOR: C. BROWN.
THIS STUDY OF HOW WATER RESOURCES ARE DISTRIBUTED IS BASED ON A SINGLE CASE, THAT OF THE JUNCTION CITY WATER CONTROL DISTRICT, IN THE WILLAMETTE VALLEY, OREGON. THE AUTHORS INTERVIEWED SELECTED RESIDENTS TO OBTAIN POLITICAL, ECONOMIC AND SOCIOLOGICAL INFORMATION, IN ORDER TO TRACE THE ENTIRE DECISION PROCESS FROM HISTORICAL BEGINNINGS THROUGH THE VARIOUS PRIVATE AND PUBLIC ORGANIZATIONS INVOLVED TO THE ACTUAL CONSTRUCTION OF THE PROJECT.

EPAW02624
ENVIRONMENTAL CRISIS AND CORPORATE DEBT POLICY DATE: 74-00
AUTHOR(S): RAY M E TYPE(S): PM CATEGORIES: P
SOURCE(S): HEATH COST: 11.50 P LEVEL: 3 COPYRIGHT:
SUBJECT AREAS:
ECONOMICS DISASTERS
REMARKS AND ABSTRACT:
(LC 74-8084) (ISBN 0-669-94557-9) 128PP.; NOTES, TABLES, FIGURES, BIBLIOGRAPHY, APPENDIX, INDEX.
DEVELOPS THE FINANCIAL IMPLICATIONS RESULTING FROM THE ENVIRONMENTAL CRISIS FROM THE POINT OF VIEW OF THE FIRM. RAY'S MAJOR FINDING IS THAT STOCK PRICES FOR A PORTFOLIO OF FIRMS IN POLLUTING INDUSTRIES DID REACT TO THE REDUCTION IN DEBT CAPACITY RESULTING FROM THE ENVIRONMENTAL CRISIS.

EPAW02655
SELF MONITORING PROCEDURES BASIC LABORATORY SKILLS STUDENT REFERENCE MANUAL DATE: 75-00
AUTHOR(S): CCCC EPA TYPE(S): PM CATEGORIES: M
SOURCE(S): EPA2 COST: LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
LABORATORY SKILLS
REMARKS AND ABSTRACT:
(EPA-430/1-75-007) 131PP., TO BE USED WITH EPAW02656.
INCLUDES A REVIEW OF BASIC MATHEMATICS. APPLICATIONS IN THE CHEMICAL LABORATORY SUCH AS WEIGHING TECHNIQUES, USE OF EQUIPMENT AND SOLUTION PREPARATION WILL BE STRESSED. AN INTRODUCTION TO BASIC MICROBIOLOGICAL TECHNIQUES WILL ALSO BE INCLUDED. THIS MANUAL HAS BEEN PREPARED ON A MODULAR BASIS. SOME OF THE INFORMATION SUCH AS WEIGHING TECHNIQUES AND SOLUTION PREPARATION HAS BEEN DESIGNED IN A STANDARD OPERATING JOB PROCEDURE (SOJP) FORMAT. IT IS BELIEVED THAT THIS "STEP SEQUENCE" PRESENTATION IS EASIER TO FOLLOW IN AN ACTUAL LABORATORY PROCEDURE.

EPAWC2656
SELF MONITORING PROCEDURES BASIC LABORATORY SKILLS STAFF GUIDE DATE: 75-00
AUTHOR(S): CCCC EPA TYPE(S): PM CATEGORIES: M
SOURCE(S): EPA2 COST: LEVEL: 1 COPYRIGHT: C
SUBJECT AREAS:
LABORATORY SKILLS CURRICULUM DEVELOPMENT
REMARKS AND ABSTRACT:
(EPA-430/1-75-008) 106PP.; TO BE USE WITH EPAW02655.
INCLUDES A REVIEW OF BASIC MATHEMATICS. APPLICATIONS IN THE CHEMICAL LABORATORY SUCH AS WEIGHING TECHNIQUES, USE OF EQUIPMENT AND SOLUTION PREPARATION WILL BE STRESSED. AN INTRODUCTION TO BASIC MICROBIOLOGICAL TECHNIQUES WILL ALSO BE INCLUDED. THE MANUAL HAS BEEN PREPARED ON A MODULAR BASIS WITH ALL THE NECESSARY INFORMATION CONTAINED WITHIN TO SATISFACTORILY PRESENT THE COURSE. THE MODULAR FORM IS BASED ON AVAILABILITY OF ADEQUATE STAFF AND PRESCREENING TOOLS. IT IS DESIGNED FOR THE USE OF THE INSTRUCTOR.

EPAWC2657
CHOICE DATE: 76-99
AUTHOR(S): CAN IND TYPE(S): MP CATEGORIES: E
SOURCE(S): CAN IND COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
WATER QUALITY POLLUTANTS
REMARKS AND ABSTRACT:
16MM, 29 MIN., COLOR.
DESCRIBES POLLUTION TO OUR AIR, WATER AND LAND, BUT IT CONCENTRATES ON SHOWING EXAMPLES OF WHAT IS BEING DONE TO COMBAT IT. FILMED IN ENGLAND.

EPAW02658
SOLILOQUY OF A RIVER DATE: 76-99
AUTHOR(S): CAN IND TYPE(S): PM CATEGORIES: E
SOURCE(S): CAN IND COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
WATER QUALITY RIVERS
REMARKS AND ABSTRACT:
16MM, 25 MIN., COLOR.
FOLLOWS A RIVER FROM ITS SOURCE TO SHOW THE DEPENDENCY OF WILDLIFE ON THIS IMPORTANT SOURCE OF WATER AND FOOD. CLOSE-UPS SHOW MANY CANADIAN ANIMALS SUCH AS BEAR CUBS, RACCOONS, MULE DEER AND BOBCAT. IN DEMONSTRATING HOW THE HEALTH OF WILDLIFE IS TIED TO THE HEALTH OF THE RIVER, THE FILM MAKES A STRONG PLEA FOR POLLUTION CONTROL.

EPAWC2659
TIME OF MAN DATE: 76-99
AUTHOR(S): CAN IND TYPE(S): MP CATEGORIES: E
SOURCE(S): CAN IND COST: 0.00 R LEVEL: 1 COPYRIGHT:
SUBJECT AREAS:
ENVIRONMENTAL EFFECTS
REMARKS AND ABSTRACT:
16MM, 50 MIN., COLOR.
PRODUCED IN ASSOCIATION WITH THE AMERICAN MUSEUM OF NATURAL HISTORY TO ASK "CAN MAN SURVIVE?". IT SHOWS HOW, IN A NATURAL ENVIRONMENT, VARIOUS SPECIES OF LIFE ADAPT TO LIVE IN A DYNAMIC HARMONY AND HOW PRIMITIVE PEOPLE ALSO ADAPTED SUCCESSFULLY, HARDLY DISTURBING THEIR ENVIRONMENT. MODERN MAN, HOWEVER, IS USING HIS TECHNOLOGY AND INDUSTRY TO DESTROY HIS NATURAL ENVIRONMENT. THE FILM SUGGESTS THAT MAN, WHO HAD THE ABILITY TO CREATE OUR EXTRAORDINARY TECHNOLOGICAL WORLD MUST ALSO HAVE THE ABILITY TO SOLVE ITS PROBLEMS OF POLLUTION AND OVERPOPULATION.

EPAW02660
FISHER WATER AND WASTEWATER PROCEDURES MANUAL
DATE: 76-08
AUTHOR(S): FISHER SZANTO A G
TYPE(S): PM
CATEGORIES: D E L M T
SOURCE(S): FISHER
COST: 5.00 P
LEVEL: 1
COPYRIGHT: C
SUBJECT AREAS:
ANALYTICAL TECHNIQUES INSTRUMENTATION (LABORATORY)
REMARKS AND ABSTRACT:
120PP.
SIMPLIFIED STEP-BY-STEP ANALYTICAL PROCEDURES FOR OVER 50 OF THE MOST FREQUENTLY WATER TESTS. LIST OF EQUIPMENT AND SUPPLIES BY TEST. GENERAL LISTING AND ILLUSTRATIONS OF ANALYTICAL INSTRUMENTATION EQUIPMENT REAGENTS AND LABORATORY FURNITURE FOR PLANNING PURPOSES.

EPAW02661
PULSE OF LIFE
DATE: 76-99
AUTHOR(S): CAN IND
TYPE(S): MP
CATEGORIES: O
SOURCE(S): CAN IND
COST: 0.00 R
LEVEL: 1
COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
16MM, 27 MIN., COLOR; ALSO AVAILABLE IN FRENCH.
INTRODUCES THE LATEST METHODS OF RESUSCITATION: MOUTH-TO-MOUTH BREATHING AND EXTERNAL HEART COMPRESSION. FEATURES REAL LIFE SITUATIONS, INCLUDING DROWNING, FAINTING, SUFFOCATION AND ELECTRIC SHOCK, IN WHICH THESE METHODS CAN SAVE LIFE.

EPAW02662
REAL THING
DATE: 76-99
AUTHOR(S): CAN IND
TYPE(S): MP
CATEGORIES: O
SOURCE(S): CAN IND
COST: 0.00 R
LEVEL: 1
COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
16MM, 15 MIN., BLACK & WHITE.
THE VALUE OF TRAINING IN HANDLING EMERGENCY SITUATIONS IS DRAMATIZED BY SHOWING A MEMBER OF A FIRST AID CLASS SUDDENLY FACED WITH AN AUTOMOBILE ACCIDENT AND AN INJURED VICTIM. THE FILM LENDS ITSELF TO FOLLOW-UP DISCUSSION.

EPAW02663
RESCUE BREATHING
DATE: 76-99
AUTHOR(S): CAN IND
TYPE(S): MP
CATEGORIES: O
SOURCE(S): CAN IND
COST: 0.00 R
LEVEL: 1
COPYRIGHT:
SUBJECT AREAS:
FIRST AID
REMARKS AND ABSTRACT:
16MM, 21 MIN., COLOR; ALSO AVAILABLE IN FRENCH.
DESIGNED TO TEACH THE TECHNIQUES OF RESCUE BREATHING, MOUTH-TO-MOUTH OR MOUTH-TO-NOSE METHOD OF ARTIFICIAL RESPIRATION.

EPAW02664

ACCIDENTS DONT HAPPEN SERIES ORGANIZATION
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 11 MIN., BLACK & WHITE.
SAFETY COMMITTEES CAN LOWER THE ACCIDENT RATE IN INDUSTRY. THE FILM ADVISES THAT ALL ACCIDENTS BE INVESTIGATED BY THE SAFETY COMMITTEE TO DISCOVER AND ELIMINATE CAUSES.

EPAW02665

ACCIDENTS DONT HAPPEN SERIES MACHINES
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (MECHANICAL)
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM., 8 MIN., BLACK & WHITE.
SHOWS HOW MINOR CARELESSNESS IN HANDLING MACHINERY MAY LEAD TO MAJOR ACCIDENTS. URGES THE CONSTANT USE OF GUARDS ON MACHINES AND THE WEARING OF SUITABLE CLOTHING AT ALL TIMES.

EPAW02666

ACCIDENTS DONT HAPPEN SERIES HANDLING
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (MECHANICAL)
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 5 MIN., BLACK & WHITE.
HOW TO AVOID ACCIDENTS BY TAKING COMMON SENSE PRECAUTIONS. THE AUDIENCE IS INVITED TO SPOT NINE MISTAKES IN HANDLING METHODS. THE SAME WORKERS ARE SHOWN AGAIN, THIS TIME DOING THEIR JOBS SAFELY.

EPAW02667

ACCIDENTS DONT HAPPEN SERIES FALLS
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (PHYSICAL)
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 6 MIN., BLACK & WHITE.
A REVIEW OF THE CHIEF CAUSES OF SERIOUS FALLS IN FACTORIES. URGES WORKERS TO WATCH THEIR STEP, KEEP FLOORS CLEAN AND REPORT DANGER SPOTS.

EPAWC2668 DATE: 76-99
ACCIDENTS DONT HAPPEN SERIES SAFE CLOTHING
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
16MM, 7 MIN., BLACK & WHITE.
DEMONSTRATES WITH HUMOR WHAT THE WRONG CLOTHES CAN DO TO A MACHINIST. FOREMAN MCCARDIE ORDERS BROGAN'S REMOVAL TO HOSPITAL. BUT IT IS BROGAN'S CLOTHERS THAT RECEIVE THE SURGERY--TRAILING NECKTIE, BAGGY-SLEEVED SWEATER, CUFFED PANTS, WORN-CUT SHOES.

EPAWC2669 DATE: 76-99
ACCIDENTS DONT HAPPEN SERIES SAFETY SUPERVISOR
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
THE SAFETY SUPERVISOR CAN'T DO HIS JOB WITHOUT THE SUPPORT OF MANAGEMENT, SHOP FOREMEN AND EVERYONE IN THE PLANT. THIS IMPORTANT POINT IS EMPHASIZED WHEN THE SAFETY SUPERVISOR TAKES THE MANAGER ON A PLANT TOUR.

EPAWC267C DATE: 76-99
CHALLENGE
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SAFETY (FIRES)
REMARKS AND ABSTRACT:
16MM, 10 MIN., COLOR.
FIRE HAS A VARIETY OF COMMON CAUSES, BUT CARELESSNESS IS THE MAJOR FACTOR. THIS FILM SHOWS WHAT CAN BE DONE TO PREVENT FIRE CAUSED BY CARELESSNESS BOTH IN INDUSTRY AND IN THE HOME.

EPAWC2671 DATE: 76-99
COLOR OF DANGER
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
SUBJECT AREAS:
SAFETY (MECHANICAL)
EQUIPMENT (TRANSPORT)
REMARKS AND ABSTRACT:
16MM, 13 MIN., COLOR.
FEATURES PROFESSIONAL STUNT MEN IN REALISTICALLY STAGED ACCIDENT SCENES. STOP-ACTION PHOTOGRAPHY AND COLORING-BOOK TECHNIQUES ARE USED TO DEMONSTRATE SAFE FORKLIFT DRIVE PRACTICES.

EPAW02672 DATE: 76-99
LETS TALK ABOUT SAFETY COMMUNICATION FOR SAFETY SERIES
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
SUPERVISORS AND FOREMEN ARE ENCOURAGED TO MAKE A HABIT OF DISCUSSING SAFETY WITH THEIR MEN. AN EXCHANGE OF IDEAS ENABLES SUPERVISORY STAFF TO UNDERSTAND THEIR MEN, AND TO IMPROVE THE LATTER'S SAFETY ATTITUDES.

EPAW02673 DATE: 76-99
TAKE A TALKIE BREAK COMMUNICATION FOR SAFETY SERIES
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
THE SAFETY RESPONSIBILITIES OF SUPERVISORS AND FOREMEN ARE MORE EASILY FULFILLED WHEN 10 MINUTES A DAY ARE INVESTED IN TALKING TO ONE, TWO, OR THREE OF THEIR PEOPLE - ANYWHERE, ANYTIME.

EPAW02674 DATE: 76-99
SETTING EM STRAIGHT COMMUNICATION FOR SAFETY SERIES
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
CORRECTIONS OF UNSAFE PRACTICES SOMETIMES BACKFIRE. THE FILM CONTRASTS PROPER CORRECTING WITH "BAWLING OUT". REGULAR TALK ABOUT SAFETY IS PREFERABLE TO CORRECTING AN EMPLOYEE EVERY TIME HE DOES SOMETHING WRONG.

EPAW02675 DATE: 76-99
LET EVERYBODY HELP COMMUNICATION FOR SAFETY SERIES
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
SAFETY COOPERATION NATURALLY FOLLOWS WHEN SUPERVISORS AND FOREMEN ASK THEIR PEOPLE FOR ASSISTANCE, ESPECIALLY WHEN IT IS SHOWN THAT IDEAS ARE WELCOME AND EMPLOYEES' SUGGESTIONS WILL BE HEARD.

EPAW02676
CONFINED SPACE HAZARDS — DATE: 76-99
AUTHOR(S): CAN IND — TYPE(S): MP — CATEGORIES: 0
SOURCE(S): CAN IND — COST: 0.00 R — LEVEL: 1 — COPYRIGHT:
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR.
STRESSES CORRECT PROCEDURES FOR SAFELY IN CONFINED AREAS. WORKERS MUST BE AWARE OF ALL POSSIBLE HAZARDS AND SHOULD FOLLOW ESTABLISHED PROCEDURES.

EPAW02677
DOWN AT THE OFFICE — DATE: 76-99
AUTHOR(S): CAN IND — TYPE(S): MP — CATEGORIES: 0
SOURCE(S): CAN IND — COST: 0.00 R — LEVEL: 1 — COPYRIGHT:
SUBJECT AREAS:
SAFETY (PHYSICAL)
REMARKS AND ABSTRACT:
116MM, 10 MIN., COLOR.
INJURIES IN THE OFFICE ARE FREQUENTLY THE RESULT OF APPARENTLY MINOR CAUSES. THE FILM STRESSES THE IMPORTANCE OF GOOD HOUSEKEEPING AND DRAWS PARTICULAR ATTENTION TO FALLS, THE MOST COMMON OFFICE ACCIDENT.

EPAW02678
EYE AND FACE PROTECTION IN CHEMICAL LABORATORIES — DATE: 76-99
AUTHOR(S): CAN IND — TYPE(S): MP — CATEGORIES: 0
SOURCE(S): CAN IND — COST: 0.00 R — LEVEL: 1 — COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT:
16MM, 13 MIN., COLOR.
DEMONSTRATES THE VIOLENCE OF CHEMICAL EXPLOSIONS, AND THEIR DANGER TO PERSON AND PROPERTY, AND SHOWS HOW THE LABORATORY CAN BE MADE SAFE.

EPAW02679
FALLS CAN CRIPPLE — DATE: 76-99
AUTHOR(S): CAN IND — TYPE(S): MP — CATEGORIES: 0
SOURCE(S): CAN IND — COST: 0.00 R — LEVEL: 1 — COPYRIGHT:
SUBJECT AREAS:
SAFETY (PHYSICAL)
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR.
FILM OF AN ADDRESS BY A MEMBER OF THE INDUSTRIAL ACCIDENT PREVENTION ASSOCIATION ON THE SUBJECT OF FALLS, HOW THEY OCCUR AND HOW THEY CAN BE PREVENTED. EACH TYPE OF FALL IS DEMONSTRATED.

EPAW02680
FIRST FIVE MINUTES
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (FIRES)
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 27 MIN., BLACK & WHITE.
DRAMATIC INSTRUCTIONAL FILM FEATURING HENRY G. THOMAS, CHIEF OF THE HARTFORD FIRE DEPARTMENT, AND AN OUTSTANDING AUTHORITY IN THE FIELD OF FIRE PREVENTION. POINTS OUT THAT MOST INDUSTRIAL FIRES BEGIN AS SMALL FIRES.

EPAW02681
FLAMMABLE LIQUID FIRE SAFETY
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (FIRES)
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 18 MIN., COLOR.
THROUGH UNIQUE VISUALIZATION OF THE CHARACTERISTICS OF FLAMMABLE LIQUIDS, THE EMPLOYEE CAN SEE HOW HAZARDOUS SITUATIONS DEVELOP AND WHY HE IS URGED TO FOLLOW PRESCRIBED SAFETY METHODS.

EPAW02682
HOW TO AVOID MUSCLE STRAINS
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (PHYSICAL)
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 14 MIN., BLACK & WHITE.
PORTRAYS THE BONE AND MUSCLE LEVERAGES INVOLVED IN LIFTING AND SHOWS HOW STRAINS AND HERNIA ARE CAUSED. DEMONSTRATES THE CORRECT LIFTING METHODS TO BE USED FOR THE PREVENTION OF STRAINS.

EPAW02683
HUMAN FACTOR
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 17 MIN., COLOR.
STORY OF A MAN, WHO THROUGH A CHAIN OF CIRCUMSTANCES AND THE HUMAN FACTOR, NEARLY LOST HIS LIFE.

EPAW02684 DATE: 76-99
INDUSTRIAL WEIGHT LIFTER
AUTHOR(S): CAN IND
SOURCE(S): CAN IND COST: 0.00 R
TYPE(S): MP CATEGORIES: O
LEVEL: I COPYRIGHT:
SUBJECT AREAS:
SAFETY (PHYSICAL)
REMARKS AND ABSTRACT:
16MM, 12 MIN., COLOR.
SHOWS CORRECT LIFTING PROCEDURE AND HOW INCORRECT LIFTING CAN CAUSE INJURIES. ALTHOUGH SOME SEQUENCES WERE FILMED IN A PLANT, THIS FILM IS SUITABLE FOR GENERAL USE.

EPAW02685 DATE: 76-99
ITS UP TO YOU
AUTHOR(S): CAN IND
SOURCE(S): CAN IND COST: 0.00 R
TYPE(S): MP CATEGORIES: O
LEVEL: I COPYRIGHT:
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
16MM, 11 MIN., COLOR.
A NEW EYE-SAFETY FILM DEPICTS A SHOP EMPLOYEE BEING STRUCK IN THE EYE BY A SLIVER OF STEEL AND IN VIVID CLOSE-UP, THE SURGICAL PORCEDURES FOLLOWED IN REMOVING IT. THE FILM TENDS TO ELIMINAYE ALL RESISTANCE TO WEARING EYE PROTECTION.

EPAW02686 DATE: 76-99
JOKE OVER
AUTHOR(S): CAN IND
SOURCE(S): CAN IND COST: 0.00 R
TYPE(S): MP CATEGORIES: O
LEVEL: I COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM, 13 MIN., BLACK & WHITE.
CAUSES OF MANY INDUSTRIAL ACCIDENTS ARE "SMALL THINGS" WHICH EVERYONE HAS A RESPONSIBILITY TO CORRECT. IN THIS FILM, A SERIOUS FALL IN A PLANT RESULTS FROM THE NEGLECT OF ELEMENTARY PRECAUTIONS WHICH COULD HAVE PREVENTED THE ACCIDENT.

EPAW02687 DATE: 76-99
KEY MAN SERIES POINT OF NO RETURN
AUTHOR(S): CAN IND
SOURCE(S): CAN IND COST: 0.00 R
TYPE(S): MP CATEGORIES: S
LEVEL: I COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM, 10 MIN, BLACK & WHITE.
A STUDY OF THE CONSEQUENCES OF AN ACCIDENT WHICH MAY WELL AFFECT CONFIDENCE IN THE FOREMAN'S SUPERVISORY ABILITY. STRESSES THE POINT THAT ONCE THE STAGE IS SET FOR AN ACCIDENT, THERE IS NO REVERSING IT.

EPAW02688
KEY MAN SERIES PEOPLE ARE THE PUZZLE
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY
SUPERVISION
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
DEALS WITH THE FOREMAN'S NEED FOR UNDERSTANDING THE PEOPLE HE SUPERVISES AND FOR RECOGNIZING THE SHORTCOMINGS OF EACH THAT COULD CAUSE AN ACCIDENT. WAYS TO DEAL WITH A VARIETY OF HUMAN RELATIONS PROBLEMS ARE SUGGESTED.

EPAW02689
KEY MAN SERIES ITS THE LITTLE THINGS THAT COUNT
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
POINTS OUT THAT SAFETY IS A TEAM EFFORT, THAT MANAGEMENT MUST BACK IT, THE FOREMAN MUST PUSH IT AND PEOPLE MUST WORK AT IT. ACCIDENT PREVENTION IS THE SUM TOTAL OF MANY LITTLE THINGS.

EPAW02690
KEY MAN SERIES YOURE THE KEY MAN
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: S
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
THE FOREMAN SEES HOW HIS DECISIONS AND ATTITUDES CAN RESULT IN GREATER SAFETY CONSCIOUSNESS THROUGHOUT HIS DEPARTMENT. IT IS HARD TO ACHIEVE A GOOD SAFETY RECORD BUT IT CAN BE DONE - BY ANY FOREMAN.

EPAW02691
KINETICS IN MANUAL HANDLING
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (PHYSICAL)
MANUAL LABOR
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 22 MIN., BLACK & WHITE.
PRIMARILY CONCERNED WITH "STRAIN PREVENTION", THIS FILM INTRODUCED THE KEY FACTORS IN GOOD KINETICS, AND SHOWS THEIR APPLICATION IN THE HANDLING OF BAGS, BARRELS, DRUMS AND BOXES.

EPAW02692 DATE: 76-99
ON EVERY HAND
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (MECHANICAL)
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
16MM, 10 MIN., COLOR.
DESCRIBES DANGERS TO HANDS AND ADVISES WORKERS TO RESPECT GUARDS ON ALL MACHINES, DISCONNECT THE POWER WHEN ADJUSTING OR CLEANING A MACHINE, AND LEARN WHEN AND WHEN NOT TO WEAR GLOVES.

EPAW02693 DATE: 76-99
ON TOP OF THE PROS
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (MECHANICAL)
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
16MM, 13 MIN., COLOR.
DEMONSTRATES THE NEED FOR HEAD PROTECTION THROUGH SPORTS SCENES SHOWING THE USE OF THE HARD HAT IN HORSE RACING, AUTO RACING, BASEBALL, SPEEDBOAT RACING AND FOOTBALL. TEST SCENES ILLUSTRATE IMPORTANCE OF A HARD HAT SYSTEM. JOHN UNITAS OF THE BALTIMORE COLTS TELLS WHY PROPER HEAD PROTECTION IS ESSENTIAL.

EPAW02694 DATE: 76-99
SAFETY WISE SERIES SAFE AS YOU KNOW HOW
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
MARTY MCYOU, THE INDIVIDUAL EMPLOYEE, IS A POTENTIAL "SAFETY-EXPERT" IF EQUIPPED WITH SAFETY TRAINING KNOW-HOW. BUT KNOWING ISN'T ENOUGH - BOTH KNOWING AND DOING ARE NECESSARY TO KEEP HIM AND HIS FAMILY SAFE.

EPAW02695 DATE: 76-99
SAFETY WISE SERIES NOT EVEN ONE CHANCE
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: O
COPYRIGHT:
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
"REASONS" SUCH AS "YOU'VE GOT TO TAKE SOME CHANCES" AND "IT'S JUST A LITTLE THING" ARE GAMBLERS' TALK - AND GAMBLERS SOMETIMES LOSE. THERE'S ALWAYS THE DANGER THAT "JUST THIS ONCE" MAY REVEAL THE "NOT EVEN ONCE" IS ALLOWED.

EPAW02696
SAFETY WISE SERIES HELP YOURSELF TO SAFETY
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 10 MIN., BLACK & WHITE.
ANYONE CAN DEVELOP BLIND SPOTS AND LOSE SIGHT OF HIS PART IN THE SAFETY PROGRAM. EVERYONE MUST WATCH FOR CHANGES AFFECTING HIS SAFETY AND FOR BLIND SPOTS THAT WOULD PREVENT SAFETY FROM BECOMING A CONSTANT, PERSONAL HABIT.

EPAW02697
STATIC ELECTRICITY
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (ELECTRICAL)
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 22 MIN., COLOR.
LABORATORY DEMONSTRATIONS, MODELS AND DIAGRAMS ARE USED TO EXPLAIN HOW CHARGES OF STATIC ELECTRICITY ACCUMULATE AND DISCHARGE. SHOWS DEVICES AND PROCEDURES FOR PREVENTING HAZARDOUS DISCHARGES IN A VARIETY OF SITUATIONS.

EPAW02698
STOP FIRES SAVE JOBS
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY (FIRES)
FIRES
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 19 MIN., BLACK & WHITE.
DEALS WITH INDUSTRIAL FIRE HAZARDS, TELLS HOW TO ELIMINATE THEM AND GIVES POINTERS ON THE USE OF FIRE FIGHTING EQUIPMENT AND PROCEDURES.

EPAW02695
TEN LONG MINUTES
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
SAFETY
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
116MM, 10 MIN., COLOR.
DEPICTS THE ANXIETIES OF AN INDUSTIAL WORKER WHO HEARS THE POLICE ARE TRYING TO REACH HIM ABOUT HIS FAMILY. HE IMAGINES AN ACCIDENT CAUSED BY HIS NEGLECT OF OFF-THE-JOB HAZARDS HE KNEW ABOUT. CARRIES AN ON-THE-JOB MESSAGE AS WELL.

DATE: 76-99

EPAW02700
TRAP
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
SAFETY
REMARKS AND ABSTRACT:
16MM, 19 MIN., BLACK & WHITE.
PORTRAYS SITUATIONS IN WHICH FACTORY WORKMEN TRAP THEMSELVES INTO ACCIDENTS BY TAKING SHORTCUTS AND IGNORING SAFETY RULES. FEATURES A NUMBER OF REALISTIC INTERVIEWS WITH MEN INJURED ON THE JOB.

DATE: 76-99

EPAW02701
WEAR EYE PROTECTION
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
16MM, 3 MIN., COLOR, ALSO AVAILABLE IN FRENCH.
FILM HAS A MUSICAL BACKGROUND, BUT NO WORDS ARE SPOKEN. INTENDED TO BE USED AS A VISUAL STIMULANT FOR PREPARED MATERIAL ON EYE PROTECTION PROGRAMS.

DATE: 76-99

EPAW02702
WEAR SAFETY SHOES
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: 0
COPYRIGHT:
SUBJECT AREAS:
SAFETY (MECHANICAL)
REMARKS AND ABSTRACT:
16MM, 3 MIN., COLOR; ALSO AVAILABLE IN FRENCH.
THIS FILM, WITH ONLY A MUSICAL BACKGROUND, IS DESIGNED TO BE USED IN ASSOCIATION WITH PREPARED MATERIAL ON FOOT INJURIES.

DATE: 76-99

EPAW02703
ACID BASE INDICATORS
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: 4
COPYRIGHT:
SUBJECT AREAS:
ACIDITY
REMARKS AND ABSTRACT:
16MM, 19 MIN., COLOR, ALSO AVAILABLE IN FRENCH.
INTERPRETS THE EXPERIMENTAL BEHAVIOR OF ACID-BASE INDICATORS WITH THE PROTODONOR ACCEPTOR THEORY. EXPERIMENTS AND ANNIMATED DEMONSTRATION SHOW EFFECTS OF CHANGING ACIDITY ON INDICATORS. A CHEM STUDY FILM.

EPAW02704
BALANCE AND ITS USE
AUTHOR(S): CAN IND
SOURCE(S): CAN IND
SUBJECT AREAS:
LABORATORY SKILLS
COST: 0.00 R
TYPE(S): MP
LEVEL: 1
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 19 MIN., COLOR.
CONTRASTS EVERYDAY WEIGHING WITH ACCURATE LABORATORY METHODS, AND TRACES THE DEVELOPMENT OF THE MODERN BALANCE FROM EARLIEST TIMES. SHOWS THE PRECISION MANUFACTURE OF A SINGLE-ARM, TWO-PAN BALANCE, AND GIVES A DETAILED DEMONSTRATION OF ITS USE IN WEIGHING A LIQUID AND A POWDER. REFERS TO SOME COMPLEX AND UNUSUAL BALANCES USED IN INDUSTRY TODAY.

EPAW02705
CHEMISTRY OF WATER
AUTHOR(S): MCA
SOURCE(S): CAN IND
SUBJECT AREAS:
WATER CHARACTERISTICS
CAN IND
COST: 0.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M T
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 14 MIN., COLOR, ALSO AVAILABLE IN FRENCH.
DESIGNED TO TEACH THE PROPERTIES OF WATER USING THE THEORY THAT WATER MOLECULES ARE ANGULAR AND BOUND TO EACH OTHER BY HYDROGEN BONDS. EXPANSION OF WATER BETWEEN 4 DEGREES C AND 0 DEGREES C IS EXPLAINED IN TERMS OF THE OPPOSING EFFECTS OF HYDROGEN BONDING AND THERMAL VIBRATION. EVAPORATION AND DISSOLUTION ARE EXPLAINED, AND REACTIONS OF WATER ARE DEMONSTRATED.

EPAW02706
CHLORINE A REPRESENTATIVE HALOGEN
AUTHOR(S): MCA
SOURCE(S): CAN IND
SUBJECT AREAS:
CHLORINE
COST: 0.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR, ALSO AVAILABLE IN FRENCH.
PORTRAYS LABORATORY AND INDUSTRIAL PREPARATIONS, AND THE PHYSICAL AND CHEMICAL PROPERTIES OF CHLORINE. REACTIONS AND USES OF CHLORINE, AND OPPORTUNITIES FOR RESEARCH ARE VIVIDLY PRESENTED. VISUALIZES SAFE HANDLING METHODS.

EPAW02707
CHLORINE
AUTHOR(S): ICI
SOURCE(S): CAN IND
SUBJECT AREAS:
CHLORINE
COST: 0.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: M
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
16MM, 15 MIN., COLOR, ALSO AVAILABLE IN FRENCH.
BEGINS WITH SCHEELE'S DISCOVERY, AND ILLUSTRATES THE INDUSTRIAL IMPORTANCE OF CHLORINE TODAY. WITH ANIMATED DIAGRAMS AND LIVE ACTION, IT EXPLAINS THE MANUFACTURE OF CHLORINE BY THE MERCURY-CELL PROCESS. DESCRIBES SOME USES OF CHLORINE AND ITS DERIVATIVES.

EPAW027C8
EQUILIBRIUM
DATE: 76-99
AUTHOR(S): CAN IND
TYPE(S): MP
CATEGORIES: T
SOURCE(S): CAN IND
COST: 0.00 R
LEVEL: 3
COPYRIGHT:
SUBJECT AREAS:
CHEMISTRY
REMARKS AND ABSTRACT:
16MM, 24 MIN., COLOR, ALSO AVAILABLE IN FRENCH.
HOW THE CHEMIST DEFINES, RECOGNIZES AND EXPLAINS CHEMICAL EQUILIBRIUM IN TERMS OF DYNAMIC MOLECULAR BEHAVIOR. A CHEM STUDY FILM.

EPAW027C9
FILTRATION
DATE: 76-99
AUTHOR(S): ICI
CAN IND
TYPE(S): MP
CATEGORIES: T
SOURCE(S): CAN IND
COST: 0.00 R
LEVEL: 3
COPYRIGHT:
SUBJECT AREAS:
PRESSURE FILTRATION
REMARKS AND ABSTRACT:
16MM, 25 MIN., COLOR.
RELATES LABORATORY FILTRATIONS TO INDUSTRIAL PROCESSES. EXPLAINS VARIOUS METHODS OF FILTRATION AS WELL AS THE OPERATION OF THE CENTRIFUGE AND FILTER PRESS.

EPAW027C
IN THE MOVIES IT DOESNT HURT
DATE: 76-99
AUTHOR(S): CAN IND
TYPE(S): MP
CATEGORIES: M
SOURCE(S): CAN IND
COST: 0.00 R
LEVEL: 1
COPYRIGHT:
SUBJECT AREAS:
SAFETY (CHEMICAL)
REMARKS AND ABSTRACT:
16MM, 25 MIN., COLOR; PRODUCED BY ILLUSTRA FILMS FOR THE CENTRAL OFFICE OF INFORMATION, LONDON, ENGLAND.
A FILM ON SAFETY IN THE HIGH SCHOOL LABORATORY.

EPAW0271I
OXIDATION REDUCTION
DATE: 76-99
AUTHOR(S): MCA
TYPE(S): MP
CATEGORIES: T M
SOURCE(S): CAN IND
COST: 0.00 R
LEVEL: 3
COPYRIGHT:
SUBJECT AREAS:
CHEMISTRY
MANGANESE
OXYGEN
REMARKS AND ABSTRACT:
16MM, 16 MIN., COLOR; ALSO AVAILABLE IN FRENCH.
EXPLAINS AND DESCRIBES OXIDATION-REDUCTION REACTIONS IN TERMS OF ELECTRON TRANSFER. OXIDATION-REDUCTION IS SHOWN BOTH WITH AND WITHOUT OXYGEN. MANGANESE AND ITS COMPOUNDS ARE USED TO ILLUSTRATE VARIOUS OXIDATION STATES. DISCUSSES RREACTIONS IN VOLTAIC AND ELECTROLYTIC CELLS, AND THE RELATIVE STRENGTHS OF SOME OXIDIZING AND REDUCING AGENTS.

EPAW02713
ENVIRONMENTAL PLANNING A GUIDE TO INFORMATION SOURCES — DATE: 76-00
AUTHOR(S): MESHENBERG M J
SOURCE(S): GALE — COST: 18.00 P
TYPE(S): PM — LEVEL: 2
CATEGORIES: P T
COPYRIGHT:
SUBJECT AREAS:
INDEXES AND BIBLIOGRAPHIES; PLANNING; ENVIRONMENTAL EFFECTS; WATER RESOURCES
URBAN IMPACT; WATERSHEDS; ESTUARIES; EROSION
WATER QUALITY; GROUNDWATER; FLOODS
REMARKS AND ABSTRACT:
432PP.
FOCUSES ON CONCEPTS, PRINCIPLES, AND ESPECIALLY TECHNIQUES WHICH PROMOTE A NEW PERSPECTIVE IN THE PLANNING PROCESS: THAT WE ARE A PART OF OUR ENVIRONMENT AND MUST PRESERVE AND PROTECT IT. THE LARGEST OF THE 19 CHAPTERS COVERS WATER IN THE PLANNING PROCESS. THIS WORK WAS COMPILED WITH THE NEEDS OF PROFESSIONAL PLANNERS IN MIND, AND ITS RANGE OF COVERAGE WILL MAKE IT USEFUL TO PLANNING OFFICIALS AS WELL. VOLUME 3 IN GALE'S MAN AND THE ENVIRONMENT GUIDE SERIES.

EPAW02714
BASIC MATHEMATICS AND WASTEWATER PROCESSING CALCULATIONS WORKBOOK — DATE: 75-00
AUTHOR(S): METCALF R; SWIFT J
SOURCE(S): NY DEC — COST: 0.00 R
TYPE(S): PM — LEVEL: 0
CATEGORIES: M O T
COPYRIGHT:
SUBJECT AREAS:
MATHEMATICS; SELF PACED INSTRUCTION; PROCESS CONTROL; OPERATIONS (WASTEWATER)
MANUALS
REMARKS AND ABSTRACT:
195PP., NOT AVAILABLE IN QUANTITY OUT OF STATE, COPYABLE UPON REQUEST.
A SELF-LEARNING GUIDE TO BASIC MATHEMATICS AND WASTEWATER TREATMENT PLANT CALCULATIONS. ALSO, A REFERENCE AND SOURCE BOOK FOR THE COMMON CALCULATIONS AND FORMULAS OF WASTEWATER TREATMENT PROCESS CONTROL, LABORATORY EVALUATIONS, AND EFFICIENCY CALCULATIONS.

EPAW02715
EXTENDED AERATION AND CONTACT STABILIZATION PLANTS ENGINEERING ASPECTS AND FEATURES — DATE: 76-99
AUTHOR(S):
SOURCE(S): NY DEC — COST: 0.00 R
TYPE(S): SL PM — LEVEL: 1
CATEGORIES: D O
COPYRIGHT:
SUBJECT AREAS:
AEROBIC TREATMENT; DESIGN; OPERATIONS (WASTEWATER)
REMARKS AND ABSTRACT:
95 SLIDES, 10PP., DESCRIPTIONS; AVAILABLE FOR SHORT TERM LOAN OR COPYING BY BORROWER UPON WRITTEN REQUEST.
35MM COLOR SLIDES OF THE TYPICAL UNIT PROCESS AND ANCILLARY EQUIPMENT EMPLOYED IN THE DESIGN AND OPERATION OF EXTENDED AERATION AND CONTACT STABILIZATION PLANTS.

EPAW02716
EXTENDED AERATION SEWAGE TREATMENT PLANT OPERATING MANUAL — DATE: 76-99
AUTHOR(S): CAMPBELL
SOURCE(S): NY DEC — COST: 0.00 R
TYPE(S): PM — LEVEL: 2
CATEGORIES: O T
COPYRIGHT:
SUBJECT AREAS:
MANUALS; AEROBIC TREATMENT; PROCESS CONTROL; OPERATIONS (WASTEWATER)
TROUBLESHOOTING
REMARKS AND ABSTRACT:
27PP.; NOT AVAILABLE IN QUANTITY OUT OF STATE, COPYABLE UPON REQUEST.
DETAILS START-UP, OPERATIONAL CONTROL, AND TROUBLESHOOTING OF SMALL EXTENDED AERATION WASTEWATER TREATMENT PLANTS. IT IS INTENDED TO SUPPLEMENT OTHER AVAILABLE MATERIAL AS IT DOES NOT COVER SUCH GENERAL TOPICS AS SAFETY, DISINFECTION, SAMPLING AND ANALYTICAL PROCEDURES.

EPAW02717
WASTEWATER TREATMENT
AUTHOR(S): UNION CARBIDE
SOURCE(S): UNION CARB
SUBJECT AREAS:
OXYGEN
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O T
COPYRIGHT: C
DATE: 75-00
SLUDGE TREATMENT
BROCHURE #F 3424A-1 (NEW EDITION), 30PP.
UNION CARBIDE'S DIRECT OXYGENATION SYSTEM UTILIZING OXYGEN GAS TO IMPROVE SECONDARY ACTIVATED SLUDGE WASTEWATER TREATMENT.

EPAW02718
PHOSPHORUS REMOVAL
AUTHOR(S): UNION CARBIDE
SOURCE(S): UNION CARB
SUBJECT AREAS:
PHOSPHORUS
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D E T
COPYRIGHT: C
DATE: 76-04
BROCHURE #F 3778A, 4PP.
PHOSTRIP A SUPERIOR AND LESS COSTLY PROCESS FOR REMOVAL OF PHOSPHORUS IN SEWAGE TREATMENT PLANTS.

EPAW02719
AEROBIC DIGESTION USING HIGH PURITY OXYGEN
AUTHOR(S): UNION CARBIDE
SOURCE(S): UNION CARB
SUBJECT AREAS:
AEROBIC DIGESTION
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D E T
COPYRIGHT: C
DATE: 75-06
OXYGEN
BROCHURE #F 3991, 4PP.
A HIGH RATE COST EFFECTIVE SYSTEM FOR PASTEURIZING AND STABILIZING SLUDGE.

EPAW02720
UNOX OZONATION
AUTHOR(S): UNION CARBIDE
SOURCE(S): UNION CARB
SUBJECT AREAS:
OZONATION
REMARKS AND ABSTRACT:
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D E T
COPYRIGHT: C
DATE: 75-08
BROCHURE #F 3774A, 4PP.
UNION CARBIDE PROCESS DESCRIPTION OF OZONE DISINFECTING WASTEWATERS.

EPAW02721
INSIDE STORY
AUTHOR(S): J MANVILLE
SOURCE(S): J MANVILLE
SUBJECT AREAS:
ASBESTOS CEMENT PIPES
COST: 0.00 R
TYPE(S): MP
LEVEL: 2
CATEGORIES: O
COPYRIGHT: C
DATE: 65-00
REMARKS AND ABSTRACT:
16MM, 10 MIN., COLOR.
MANUFACTURE OF ASBESTOS CEMENT SEWER PIPES. ADVANTAGES OF ASBESTOS CEMENT PIPES ARE HIGHLIGHTED INCLUDING ITS LOW COST AND HIGH CARRYING CAPACITY FOR MAXIMUM FLOW. FAST CONVENIENT INSTALLATION AND ASSEMBLY OF TIGHT CONNECTIONS TO PREVENT INFILTRATION AND EXFILTRATION ARE ILLUSTRATED.

EPAW02722
ENTRAPPED AIR IN PIPELINES
AUTHOR(S): J MANVILLE
SOURCE(S): J MANVILLE
SUBJECT AREAS:
PIPES
COST: 0.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: T
COPYRIGHT: C
DATE: 71-00
REMARKS AND ABSTRACT:
16MM, 17 MIN., COLOR.
RESEARCH STUDY BY COLORADO STATE UNIVERSITY ON CAUSES AND EFFECTS OF ENTRAPPED AIR WITHIN A PIPELINE SYSTEM. WHEN ENTRAPPED AIR IS SUDDENLY RELEASED, IT CAN GENERATE SEVERE WATER HAMMER. RECOMMENDATIONS, PROCEDURES AND SOLUTIONS.

EPAW02723
FIELD TESTING IN PRESSURE PIPELINES
AUTHOR(S): J MANVILLE
SOURCE(S): J MANVILLE
SUBJECT AREAS:
PIPES
COST: 0.00 R
TYPE(S): MP
LEVEL: 3
CATEGORIES: O
COPYRIGHT: C
DATE: 72-00
REMARKS AND ABSTRACT:
16MM.
SUPPLEMENT TO "ENTRAPPED AIR IN PIPELINES" (EPAW02722) INCLUDES DEVELOPMENT OF A FORMULA FOR TESTING PRESSURE IN PIPELINES PLUS TEST PROCEDURES.

EPAW02724
INSTALLATION GUIDE FOR TRANSITE PRESSURE PIPE
AUTHOR(S): J MANVILLE
SOURCE(S): J MANVILLE
SUBJECT AREAS:
PIPES
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O O
COPYRIGHT: C
DATE: 75-08
REMARKS AND ABSTRACT:
100PP.; (TR-62A)
GUIDE WRITTEN ESPECIALLY FOR THE MEN WHO DIRECT AND DO THE ACTUAL WORK OF HANDLING AND INSTALLING TRANSITE PRESSURE PIPE. EXPLAINS HOW TO INSTALL TRANSITE UNDER AVERAGE CONDITIONS.

EPAW02725
BLUE BRUTE INSTALLATION GUIDE PVC CLASS WATER PIPE
AUTHOR(S): J MANVILLE
SOURCE(S): J MANVILLE
SUBJECT AREAS:
PLASTIC PIPES
COST: 0.00 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: D O
COPYRIGHT: C
DATE: 76-05
REMARKS AND ABSTRACT:
(TR-704A), 34PP.
WRITTEN ESPECIALLY FOR THE INSTALLER AND THOSE DIRECTLY INVOLVED IN HANDLING AND INSTALLING JOHNS-MANVILLE PVC CLASS WATER PIPE. EXPLAINS HOW TO INSTALL PVC CLASS WATER PIPE UNDER AVERAGE CONDITIONS.

EPAW02727
POLLUTION CONTROL IN THE MARINE INDUSTRIES
AUTHOR(S): GOVT INST
SOURCE(S): GOVT INST
SUBJECT AREAS:
MARINE POLLUTION
SPILLS (OIL)
COST: 25.00 P
TYPE(S): PM
LEVEL: 3
CATEGORIES: L P
COPYRIGHT:
DATE: 74-00
MEETINGS AND CONFERENCES
INTERNATIONAL ACTIVITIES
GREAT LAKES
REMARKS AND ABSTRACT:
439PP., 27 SEPARATE PAPERS.
THE 1974 PROCEEDINGS COVERING THE FOURTH CONFERENCE (MAY 14-16, 1974) ON POLLUTION CONTROL IN THE MARINE INDUSTRIES. COVERS THE ENTIRE FIELD WITH PAPERS PREPARED BY LEADING AUTHORITIES. INCLUDES: CLEAN WATER BY THE 1980'S; INTERNATIONAL EFFORTS FOR MARINE POLLUTION CONTROL; MARINE POLLUTION CONTROL; EPA'S REGULATORY EFFORTS TO ABATE MARINE POLLUTION CONTROL PROGRESS; OCEAN TANKER POLLUTION PREVENTION EXPERIENCE; AND OTHERS.

EPAW02728
HANDBOOK OF MOISTURE DETERMINATION AND CONTROL VOLUME 2
AUTHOR(S): PANDE A
SOURCE(S): MARCEL
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO
COST: 33.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
2ND OF 4 VOLUMES.
MOISTURE CONTROL IN INDUSTRIAL ATMOSPHERES.

EPAW0273C
HANDBOOK OF MOISTURE DETERMINATION AND CONTROL VOLUME 4
AUTHOR(S): PANDE A
SOURCE(S):
SUBJECT AREAS:
HEATING PLUMBING AIR CONDITIO
COST: 33.50 P
TYPE(S): PM
LEVEL: 2
CATEGORIES: O
COPYRIGHT:
DATE: 76-99
REMARKS AND ABSTRACT:
4TH OF 4 VOLUMES.
MOISTURE CONTROL IN INDUSTRIAL ATMOSPHERES.

U.S. GOVERNMENT PRINTING OFFICE: 1976-657-066/6131

CODE DEFINITION TABLE

ITEM	DESCRIPTION	CODE DEFINITION
ID Number	unique 9-character field comprising a 4-digit agency/ program identifier (EPAW) plus a 5-digit sequence number	
Copyright Code	indicates whether item is copyrighted	C copyright blank no copyright
Item Title	title of the material	
Publication Date	month and year	
Author	up to two	
Type	up to four	AC audio tape cassette AR audio tape reel FS 35mm filmstrip MP motion picture OT overhead transparency PM printed matter SL 35mm slide VC video tape cassette VR video tape reel
Category	up to 5 one-character codes broadly identifying the application area of the material	D design E explanatory L legal & regulatory M monitoring & surveillance O operations P planning S supervision T theory
Educational Level	defines educational use level of material	0 remedial 1 basic 2 intermediate 3 advanced
Originating Source	up to two; identifies organization responsible for the material	Consult Source Code Table
Cost	approximate dollar amount if item is available for purchase	
Purchase/Rent Code	indicates whether material can be rented or is available for purchase	R loan/rent/free P purchase
Subject	up to 16	Consult Thesaurus
Remarks	identifies special characteristics of the media that cannot be easily quantified	
Abstract	up to 5-120 character lines representing a professional summary of the material	